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Faust (Darwin) Pride of Haarlem (Darwin) Dream (Darwin) Panorama (Breeder)
 Valentin (Darwin) Prince of Orange (Breeder) Inglescombe Yellow (Cottage) Baronne de la Tonnaye (Darwin)

SEE PAGE 2 FOR SPECIAL OFFER OF ABOVE TULIPS

WATERER'S BULBS

AUTUMN, 1926



HOSEA WATERER

Seedsman and Bulb Importer

714 Chestnut Street

Philadelphia, Pa.



COLLECTION No. 1

These seven varieties of Darwin, Breeder, and Cottage Tulips are shown in natural colors at the top of this page. The collection of 50 bulbs of each variety will make a most gorgeous garden display.

Bronze Queen. Golden bronze; extra large. 28 in.

Centenaire. Violet-rose, with bluish base. 30 in.

King Harold. Ruby-crimson, with distinct black center. 24 in.

Le Reve (Hobbema). Salmon-pink, shaded lilac. 14 in.

Marconi. Deep purple, changing to lighter purple. 27 in.

Mrs. Moon. Rich orange-yellow. 25 in.

Princess Elizabeth. Deep pink; flower shaped like a rose-bud. 26 in.

5 bulbs of each (35 bulbs)	\$2 50
10 bulbs of each (70 bulbs)	4 75
25 bulbs of each (175 bulbs)	10 25
50 bulbs of each (350 bulbs)	20 00

COVER COLLECTION No. 2

Eight varieties of Darwin, Breeder, and Cottage Tulips illustrated in color on front cover. These are used most effectively in borders or in beds arranged according to color.

Baronne de la Tonnaye. Clear carmine-rose. 30 in.

Dream. Heliotrope with silvery lilac margin. 26 in.

Faust. Deep purple-maroon. 30 in.

Inglescombe Yellow. Deep yellow; globe shape. 23 in.

Panorama. Orange-red Breeder Tulip. 26 in.

Pride of Haarlem. Brilliant salmon-rose, shaded scarlet. 28 in.

Prince of Orange. Terra-cotta, edged orange. 25 in.

Valentin. Heliotrope, shaded violet. 22 in.

5 bulbs of each (40 bulbs)	\$3 00
10 bulbs of each (80 bulbs)	5 50
25 bulbs of each (200 bulbs)	12 50



Habe You Visited Our New Store?



PLEASE NOTE ADDRESS

ONE year ago we moved our business from 626 Chestnut Street, Philadelphia, to its present location at 714 Chestnut Street, in order to care for the ever-increasing volume of business which comes to us year by year, and better to serve the needs of our many new and old friends.

The year gone by has well justified our removal to larger quarters. Our customers have found that our increased facilities have enabled us to render them better service in every way than ever before, while still maintaining the same high standards of excellence which have characterized the dealings of our firm in less commodious quarters in the past.

Friends who have called found the new store more pleasant, more convenient, and an easier place in which to satisfy their garden needs. They like it, and so do we.

We cordially invite all our customers and friends, both old, new, and prospective, to come in and visit us.

THE NEW STORE IS AT 714 CHESTNUT STREET

In buying anything you are first interested in quality and then in price. We import a large number of Dutch Bulbs each year and through long experience have learned where best to buy the different sorts. In placing your requirements in our care, you can accordingly be assured of the quality of our Bulbs at reasonable prices. May we anticipate the privilege of supplying you with the Bulbs you will need this fall?

Suggestions and Information for Ordering

To enable us to execute orders more promptly and to the complete satisfaction of our customers, we offer the following suggestions and information:

Order Early.—We endeavor to ship all orders immediately on receipt, but during the rush season it is almost impossible, hence the importance of ordering early.

Name and Address.—Please write on each order your Name, Post Office, Shipping Point or nearest Express Office, your County and State. Use the order sheet enclosed in catalogue if possible.

Prices.—It is our endeavor to maintain the prices quoted in this catalogue throughout the season, but in the event of unforeseen circumstances arising, we reserve the right to change the price of any article (in this catalogue) without notice.

Forwarding.—All Plants, Roots and Bulbs are forwarded by

express (all postpaid when possible), purchaser paying charges unless otherwise noted.

Non-Warranty.—Hosea Waterer gives no warranty, express or implied, and will not be in any way responsible for the results of planting or forcing of any bulbs and roots he sends out. No complaints are entertained unless made on receipt of goods, and we cannot take any responsibility as to their flowering, which greatly depends upon their treatment. Every precaution is taken to send nothing but well-matured bulbs, such as will under ordinary circumstances produce the very finest flowers and give the utmost satisfaction.

Parcel Post Rates

Weight Limit.—The weight limit within the First, Second, and Third Zones is now 70 pounds, and within all other Zones 50 pounds. Shipments of 20 pounds or over are cheaper if sent by express beyond the Second Zone.

DOMESTIC PARCEL POST RATES

Within the United States and Possessions

			First pound or fraction	Each additional pound or fraction
First	Zone within 50 miles of Philadelphia	.....	7 cts.	1 ct.
Second	Zone within 50-150 miles of Philadelphia	.....	7 cts.	1 ct.
Third	Zone within 150-300 miles of Philadelphia	.....	8 cts.	2 cts.
Fourth	Zone within 300-600 miles of Philadelphia	.....	9 cts.	4 cts.
Fifth	Zone within 600-1000 miles of Philadelphia	.....	10 cts.	6 cts.
Sixth	Zone within 1000-1400 miles of Philadelphia	.....	11 cts.	8 cts.
Seventh	Zone within 1400-1800 miles of Philadelphia	.....	13 cts.	10 cts.
Eighth	Zone all over 1800 miles of Philadelphia	.....	14 cts.	12 cts.

All goods sent by parcel post are at purchaser's risk, unless insured. Insurance is 5 cents for \$5 or less, 8 cents for \$5 to \$25, 10 cents for \$25 to \$50. This insures delivery only, but not damage to package.

Please refer to our General Spring Catalogue for a complete list of the Flower and Vegetable Seeds, Garden Tools and Requisites, etc., which we can supply

Planting Table

The table below shows the number of bulbs required to fill a circular bed of the dimensions given.

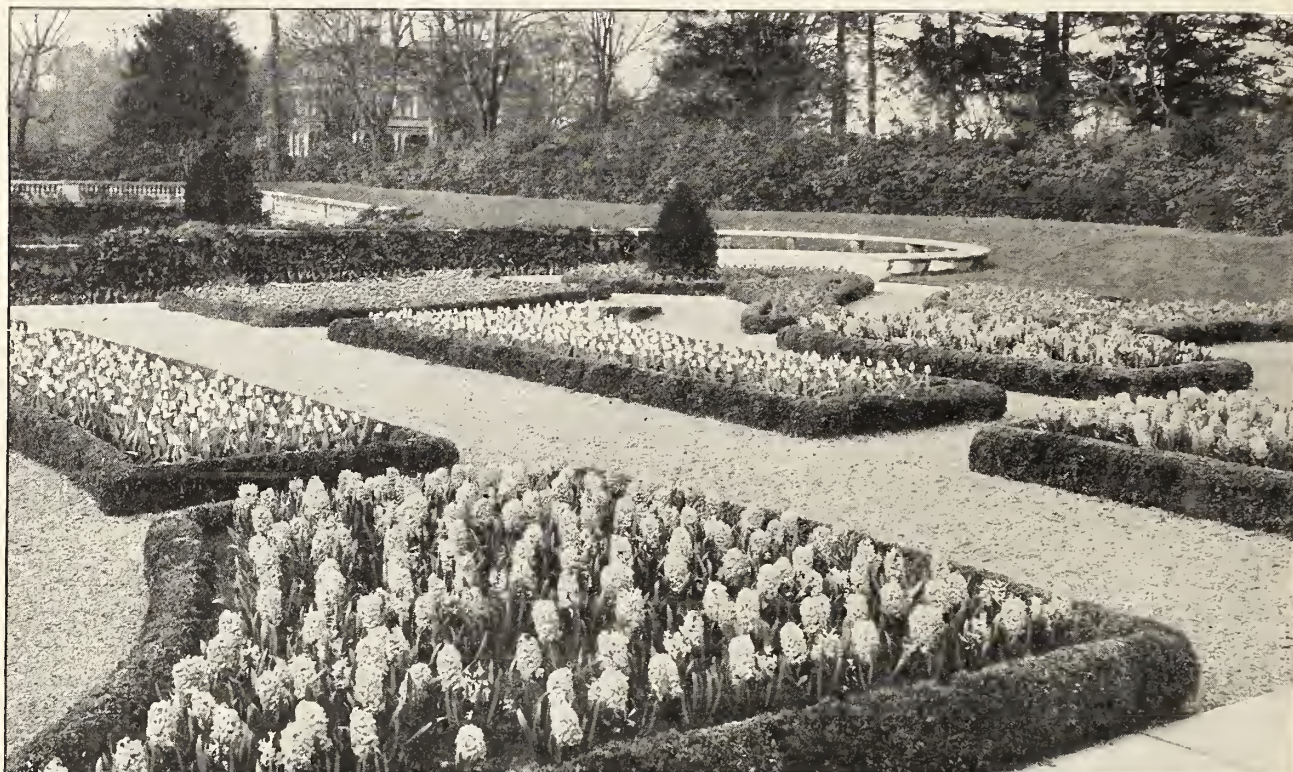
Diameter of Bed	3 in. apart	4 in. apart	6 in. apart	8 in. apart	10 in. apart	12 in. apart
3 feet.....	125	95	36			
4 feet.....	220	125	60	36	24	20
5 feet.....	330	225	90	70	36	25
6 feet.....	470	270	125	80	50	36
7 feet.....	630	410	170	96	70	48
8 feet.....	820	470	220	125	85	60
9 feet.....	1025	650	270	156	110	75
10 feet.....	1260	720	330	190	125	90
11 feet.....	1520	940	395	240	150	110
12 feet.....	1800	1025	470	270	170	125
13 feet.....	2100	1280	540	320	200	150
14 feet.....	2435	1385	630	360	240	170
15 feet.....	2790	1670	720	420	270	200
16 feet.....	3170	1800	815	470	320	215
17 feet.....	3570	2140	920	545	360	240
18 feet.....	4035	2270	1025	590	390	270
19 feet.....	4185	2640	1140	630	420	320
20 feet.....	4960	2790	1260	720	470	330

A square bed will take about the same number of bulbs. For an oval bed add length and breadth and divide by 2. For example, an oval 7 feet long by 5 feet wide will require same number of plants as a circular bed 6 feet in diameter.

HOSEA WATERER, Seedsman

BELL PHONE: WALNUT 4794

714 Chestnut Street, PHILADELPHIA, PA.



A beautiful formal garden of spring-flowering bulbs with Hyacinths in the foreground

Dutch Hyacinths

For Winter Flowering in the House. One bulb to a 5-inch pot or four to five bulbs of one variety in an 8-inch bulb-pan will prove very effective. Between September and the end of November plant the bulbs in potting soil or prepared fiber so that the tops just show above the surface. After planting, the bulbs should be placed in a dark, cool, airy place for a period of eight weeks. This develops the roots. Keep moist but not sodden. After about eight weeks have elapsed and bulbs have made some top growth, the pots may be removed to the house. Keep away from cold window draughts and drying furnace heat. By taking the pots at intervals of ten days, a succession of bloom may be enjoyed throughout the winter.

For Growing in Glasses. Set the bulbs so that the lower end merely touches the water. Put away in a cool, airy, dark place till the roots have developed; then remove by degrees to full light and air. A piece of charcoal in the water will keep it sweet.

For Outdoor Growing. Set the bulbs 5 to 6 inches apart, and top of bulb 4 inches deep. The time to plant is between October and the last of November before ground is frozen.

Price, any of the following varieties, 35 cts. each, \$3.50 per doz., \$22 per 100

GIANT EXHIBITION BULBS

These are varieties selected for their large-sized spikes, elegance of form, and beauty and richness of color. The bulbs are of mammoth size—the cream of the crop—and naturally command advanced prices. We offer this grade only in limited quantities and request early orders for them.

SINGLE RED, ROSE, AND PINK

GENERAL DE WET. A fine light pink; large truss.
GERTRUDE. Deep rose-pink; large, compact truss.
GIGANTEA. Light rose; spikes large and compact.
KOHINOOR. Bright pink; extra-large truss.
LADY DERBY. Rose-pink; large, compact spike.
LA VICTOIRE. Carmine-rose; large, perfect spike.
MARCONI. Deep rose; extra-large, compact truss.
MORENO. Bright pink; very large truss.
QUEEN OF THE PINKS. Brilliant, clear, bright pink; large, compact spike.
ROI DES BELGES. Bright scarlet; extra-large spike.

SINGLE YELLOW

CITY OF HAARLEM. Golden yellow; large, well-formed truss.
YELLOW HAMMER. Pure yellow; very fine truss.

Glasses for Growing Hyacinths

We can supply two styles of these glasses

Tall and Low in assorted colors. 35 cts. each, \$3.50 per doz.

These cannot be sent by parcel post

SINGLE BLUE

CAPTAIN BOYTON. Sky-blue; immense truss.
CZAR PETER. Light porcelain-blue and lavender; very fine, large truss.
DUKE OF WESTMINSTER. Rich deep blue, with white center.
ENCHANTRESS. Clear porcelain-blue; splendid spike.
GRAND MAITRE. Deep lavender-blue, with darker blue shading; large truss.
KING OF THE BLUES. Clear dark blue; large bells and splendid spike.
LORD BALFOUR. Distinct violet; large spike.
LORD DERBY. Pale porcelain-blue; compact spike.
MENELIK. Almost black; fine large truss.
PERLE BRILLANTE. Light blue; splendid large spike.
QUEEN OF THE BLUES. Clear, light porcelain-blue; extra fine.
SCHOTEL. Light blue; perfect truss. Good forcer.

SINGLE WHITE

GRAND BLANCHE. Blush-white; excellent large truss.
QUEEN OF THE WHITES. A pure white sport of Queen of the Blues; large trusses on strong stems.
LA FRANCHISE. Waxy white; very large bells.
LA GRANDESE. Pure white; immense bells and truss.
L'INNOCENCE. Pure white; extra fine; large truss.
MME. KRUGER. Pure white; good truss; extra early.

If to be sent by parcel post, add postage at your zone rate. One dozen bulbs weigh 4 pounds



Queen of the Pinks Hyacinths

EXTRA-SELECTED FIRST-SIZE HYACINTHS

First-size Hyacinth bulbs are suitable for both indoor and outdoor culture, being used almost exclusively for growing in pots and pans, as they force easily and bear large, well-developed trusses.

If to be sent by parcel post, add postage at your zone rate. One dozen bulbs weigh 3 pounds. See second cover page for postal rates

Price, any of the following, 30 cts. each, \$3 per doz., \$20 per 100, postage extra

SINGLE RED, ROSE, AND PINK

CARDINAL WISEMAN. Light carmine-rose, with large, compact spikes. One of the best varieties in its class for pots.

GERTRUDE. Deep rose-pink; compact spikes on good stems. A very popular forcing variety, also used for bedding.

GIGANTEA. One of the best blush-pink varieties; very large truss of closely set bells.

KOHINOOR. A lovely pink with long, handsome spikes. Bells inclined to come semi-double. A fine bedding variety.

LADY DERBY. Beautiful, clear rose-pink, with large, compact trusses. Early and fine for both forcing and bedding.

LA VICTOIRE. Shiny carmine-rose, with large, well-filled spikes. A splendid bedding variety.

MARCONI. Bright deep rose; short, broad trusses, borne on stiff stems. A good forcer but particularly fine outdoors.

MORENO. A beautiful lively pink; very large truss and bell. Splendid for pots.

PANAMA. Bright rose; large, well-shaped spike, set with large waxy bells. A first-class novelty.

QUEEN OF THE PINKS. A very lovely pink; trusses broad and large, with good-sized bells and strong stems.

ROI DES BELGES. Brilliant crimson-scarlet. A grand bedder.

SINGLE BLUE AND PURPLE

CZAR PETER. Light lavender-blue; splendid spike. One of the finest for forcing.

CAPTAIN BOYTON. Dark sky-blue; large bells and very fine well-filled spike.

DR. LIEBER. Very early lavender-blue, tinged violet; large truss. Extra fine.

ENCHANTRESS. Clear porcelain-blue; beautiful long spikes on strong stems. An excellent pot Hyacinth and the best light blue bedding variety.

Single Blue and Purple, continued

GRAND LILAS. Deep lilac, with large spikes. A splendid variety for both bedding and forcing.

GRAND MAITRE. Deep lavender-blue with long, compact spikes of large bells on strong stems. One of the most popular blues. Fine for pots as well as bedding.

KING OF THE BLUES. Dark violet-blue; splendid, large trusses. One of the best-known blue Hyacinths. Good for late forcing and bedding.

MARIE. Very dark blue, almost purple; well-formed trusses. A splendid bedder and good for forcing.

QUEEN OF THE BLUES. Clear, light porcelain-blue; a strong-growing variety with large, well-formed trusses. One of the best of its color, particularly for bedding.

SINGLE WHITE

ARENTEINE ARENSEN. One of the finest whites; long spikes with large, snowy white bells. Early, fine for forcing, and a good bedder.

CORREGGIO. Pure white with long, well-filled trusses of large, substantial bells.

HEIN ROOZEN. Pure white; very large broad truss. Good for forcing. A splendid novelty.

LA GRANDESSE. Pure white with fine, compact spikes. The best late forcing variety and fine for bedding as well.

L'INNOCENCE. This is the most satisfactory all-round pure white; compact spikes with large bells. Does well indoors and out.

MME. KRUGER. Pure white; large bells and spike. Early and excellent for forcing and bedding.

QUEEN OF THE WHITES. A pure white sport of Queen of the Blues. Large trusses on strong stems. Early and a splendid forcer.

SINGLE YELLOW

CITY OF HAARLEM. Golden yellow; large, well-formed truss.

KING OF THE YELLOWS. Rich deep yellow.

YELLOW HAMMER. The best-known and most popular yellow for forcing. Fine, compact trusses with medium-sized bells.

Price, any of the above, 30 cts. each, \$3 per doz., \$20 per 100, postage extra

DOUBLE HYACINTHS

Extra-Selected, First-Size Bulbs

While Double-flowering Hyacinths do not, as a rule, produce so fine spikes as the single sorts offered on this page, yet they are exceedingly handsome and deserve extensive cultivation. The varieties listed below are those which we have found by actual tests to be the most satisfactory.

Any of the following, 30 cts. each, \$3 per doz., postage extra

DOUBLE PINK AND ROSE

CHESTNUT BLOSSOM. Light pink; extra-large spike.

PRESIDENT ROOSEVELT. Deep rose; large spike.

DOUBLE WHITE

LA GRANDESSE. The best double pure white.

PRINCE OF WATERLOO. Pure white; large spike of large bells with slightly rose center.

DOUBLE BLUE

GENERAL KOHLER. Bright blue. One of the best.

VAN SPEYK. Light blue; compact spike; very large bells.

DOUBLE YELLOW

SUNFLOWER. Considered the finest double pure yellow.

Prepared Holland Bulb Fiber

This fiber is an ideal medium in which to grow bulbs. It is clean and free from odor and contains sufficient plant-food for the bulbs until after they have bloomed. Bulb Fiber is used in the same way as potting soil, except that it should not be packed down firmly in the pots. By using it, bulbs may be grown in any sort of ornamental bowl or receptacle as no drainage is required. Keep the fiber moist, but not sodden or wet. Qt. 15 cts., 1/2 pk. 45 cts., pk. 75 cts., 1/2 bus. \$1.25, bus. \$2. If to be sent by parcel post, add postage at your zone rate—one peck weighs 4 pounds.



French Roman Hyacinths

SECOND SIZE, OR NAMED BEDDING HYACINTHS

These are smaller than our extra-selected first-size bulbs but are fine flowering stock and admirably adapted for pot-culture, also for high-grade bedding where distinct shades of color are desired.

If to be sent by Parcel Post, add postage at your zone rate. One dozen bulbs weigh 2 pounds

SINGLE RED AND ROSE

GERTRUDE. Deep rose-pink.

MORENO. Bright pink.

ROI DES BELGES. Brilliant crimson-scarlet.

SINGLE WHITE

GRANDEUR A MERVEILLE.

Rosy white.

BRITISH QUEEN. Pure white.

LA CRANDESSE. Pure white.

L'INNOCENCE. Pure white.

SINGLE BLUE

GRAND MAITRE. Deep lavender-blue.

KING OF THE BLUES. Dark blue.

QUEEN OF THE BLUES. Light porcelain-blue.

SINGLE YELLOW

YELLOW HAMMER. Pure yellow.

Price, any of the above, 25 cts. each, \$2.50 per doz., \$16 per 100

SPECIAL UNNAMED HYACINTHS

For Bedding or Pot-Culture

These are much used for outdoor bedding, but can also be utilized for pot-culture, giving excellent results. We offer only the best grade of stock, true to color, and well ripened bulbs.

If to be sent by Parcel Post, add postage at your zone rate. One dozen bulbs weigh 2 pounds; 100 bulbs, 16 pounds (packed weight).

Red Shades

Rose and Pink Shades

Blush-White

Pure White

Light Blue Shades

Dark Blue Shades

Yellow Shades

All Colors, Mixed

Any of the above Unnamed Hyacinths at 15 cts. each, \$1.50 per doz., \$12 per 100

ITALIAN HYACINTHS

The flowers are similar to those of the white Roman, but the spikes are larger and the Italian is later; excellent for succession.

White. Largest bulbs \$1.75 per doz., \$11.50 per 100.

MINIATURE OR DUTCH ROMAN HYACINTHS

These are small, single-flowering Dutch Hyacinths and quite distinct from the French Romans. Excellent for growing in pots, pans, or boxes, blooming early and freely. They may be planted close together with charming effect.

GERTRUDE. Dark pink.

GIGANTEA. Light rose.

GRAND MAITRE. Lavender-blue.

ROI DES BELGES. Scarlet.

L'INNOCENCE. Pure white.

LA GRANDESSE. Pure white.

KING OF THE BLUES. Deep blue.

QUEEN OF THE BLUES. Clear light porcelain-blue.

YELLOW HAMMER. Yellow.

Any of the above Miniature Named Hyacinths, 12 cts. each, \$1.25 per doz., \$9 per 100

EARLY FRENCH ROMAN HYACINTHS

The flowers are delightfully fragrant, and each bulb will throw up three to four spikes. For forcing, three or four bulbs are generally planted in a 5-inch pot in September, in good soil or fiber. The pots must be kept in a cool and dark place until they fill with roots, when the flower-spikes can be rapidly developed by exposure to light and moderate heat. They are very easily grown and extremely early, and by making successive plantings they may be had in flower all through the winter.

	Doz.	100
Pure White. Mammoth bulbs, XXX.	\$2 00	\$15 00
Pure White. Extra-selected bulbs, XXXX.	2 50	17 50
Dark Blue. Largest bulbs.	1 75	11 50
Dark Rose. Largest bulbs.	1 75	11 50
Light Rose. Largest bulbs.	1 75	11 50

FEATHERED HYACINTHS

An odd and interesting variety, growing about a foot high, producing spikes of a real violet-blue color. The petals of the flower are so narrow that they look like feathers, hence the name "Feathered Hyacinth." They are splendid for the garden and for naturalizing. 60 cts. per doz., \$3.75 per 100, \$32.50 per 1,000.



Grape Hyacinths

GRAPE HYACINTHS

These very curious and pretty little Hyacinths are perfectly hardy, are of the easiest culture, and thrive and increase in either sunny or partially shaded positions in the garden. When naturalized in little colonies where they can remain undisturbed for several years, the effect is very pretty, while as edgings they are most charming. All are also adapted for winter flowering in the house.

Blue. 40 cts. per doz., \$2.50 per 100, \$20 per 1,000.

White. 70 cts. per doz., \$5 per 100, \$45 per 1,000.

Heavenly Blue. A new type with larger flowers of a bright sky-blue and delightfully fragrant. Desirable for cutting and of splendid effect massed in the garden or border. 60 cts. per doz., \$3.25 per 100, \$25 per 1,000.



Border of Keizerkroon Tulips

Tulips

For Outdoor Growing. Set the bulbs 4 to 5 inches deep and 5 to 6 inches apart. Plant in October or November, before the ground freezes, in good garden soil. Before very severe weather comes on, cover the beds with straw, leaves, or manure, to protect them from the frost; this should be removed when danger from hard frost is past in the spring.

For Pot-Culture. Use a good potting soil or fiber and set the bulbs so that the tops just show above the surface. The time to pot the bulbs is between September and the last of November. Use three or four bulbs to a 5-inch pot; six or seven to a 7-inch bulb-pan, or ten bulbs to an 8-inch bulb-pan. Keep pots in a dark, cool, airy place until roots have developed and top-growth has started; then the bulbs can be placed in the light. We send out Tulip bulbs of selected quality only. The height in inches follows the name of the variety.

SINGLE EARLY TULIPS

These Tulips are the earliest of all to flower and are of value for early bedding in the garden. As soon as they are through blooming, the bulbs can be lifted in time to use the beds for summer bedding plants. They are the easiest of all to force and the earliest.

Albion (White Hawk). 13 in. One of the Doz.	100	1,000
best white Tulips.....	\$1 00	\$6 25 \$58 00
Belle Alliance. 12 in. Brilliant scarlet; large flower; excellent for forcing and bedding.....	90	6 25 57 50
Brilliant Star. 12 in. Brilliant vermilion-scarlet. Best scarlet for early forcing.....	1 25	9 00 85 00
Chrysolora. 12 in. Pure golden yellow. A good bedder.....	90	6 00 55 00
Cottage Maid. 11 in. Lovely rose-pink shaded with white. Excellent for forcing and for bedding.....	90	6 00 55 00
Couleur Cardinal. 13 in. Brilliant crimson. Splendid sort for forcing and for bedding.....	1 00	7 00 65 00
Cramoisi Brillant. 12 in. Brilliant scarlet. Splendid for forcing or bedding.....	85	5 25 47 00
De Wet (Fireglow). 16 in. A very handsome golden flower, having a flush of fiery orange-scarlet. It is very distinctive and is a true orange color when forced.....	2 50	18 00
Fred Moore. 15 in. Orange-yellow; sweet scented. Very handsome and effective for bedding.....	85	6 00 52 50
Ibis. 13 in. This large Tulip is a very beautiful deep brilliant pink. A superb variety for forcing and a good bedder.....	1 50	10 00 95 00
Joost Van Vondel, White. 11 in. One of the largest and most beautiful pure white sorts.....	85	6 00 55 00
Keizerkroon. 16 in. Crimson-scarlet, bordered with clear yellow; large and very beautiful. Mother bulbs....	1 25	9 00 85 00

La Reine. 13 in. White, lightly shaded with rose. Splendid for both bedding and forcing.....	Doz. 100 1,000	\$0 85 \$5 00 \$45 00
Max Havelaar. 13 in. Blood-orange, flushed salmon-rose; when forced the color becomes a beautiful cherry-red.....	1 20	8 50 80 00
Mon Tresor. 12 in. Rich golden yellow; large and perfect form.....	1 10	7 50 67 50
Ophir d'Or. 12 in. Golden yellow; large flower; grand bedder.....	1 00	7 00 65 00
Pink Beauty. 13 in. A large and lovely Tulip; glowing rose-pink, outer petals flushed with white.....	1 50	10 00 97 50
President Lincoln (Queen of the Violets). 12 in. Clear magenta-violet; large flower. Very effective when grown beside a light yellow Tulip. Fine for beds, and a splendid forcing sort....	85	6 00 55 00
Prince of Austria. 14 in. Fine orange-red; sweet scented. One of the best forcers and a splendid bedder.	1 00	6 75 62 50
Proserpine. 14 in. Brilliant carmine-rose; very large flower. Mother bulbs.....	1 30	9 50 90 00
Rising Sun. 16 in. Golden yellow; very large flower on a tall stem....	1 10	7 50 67 50
Rose Luisante. 11 in. Beautiful deep rose; large perfect flower. Fine for forcing or bedding.....	1 00	7 00 65 00
Vermilion Brilliant. 13 in. True. Brilliant vermilion-scarlet. The most popular one of its color; large flower; very early.....	1 10	7 50 67 50
White Beauty. 13 in. A pure white sport of Pink Beauty; large....	1 50	10 00 95 00
Yellow Prince. 13 in. Bright yellow; sweet scented. Excellent for forcing and bedding.....	90	6 25 58 00
Superfine Mixture. Containing many varieties.....	50	3 50 30 00

If wanted by parcel post add postage at your zone rate (see page 3). One dozen bulbs weigh 1 pound; 100 bulbs, 8 pounds



Bed of Double Tulips

DOUBLE EARLY TULIPS

The culture of the double varieties is just as easy as that of the singles. Planted in pans, they make attractive winter-bloomers, and last even longer than the single varieties. Placed in the open border they come into bloom slightly later than the Early Single Tulips.

Aurora.	12 in. Crimson-red, shaded deep salmon; beautiful well-shaped flowers. Good for forcing or outdoors.....	100	1,000	\$2 25	\$15 00
Azalea.	12 in. Beautiful deep rose, flushed salmon. Much recommended for forcing.....	1 15	8 25	\$78 00	
Boule de Neige.	12 in. Sulphury white; enormous, double flower, resembling a white peony. Extra-good bedder and forcer.....	1 00	7 00	65 00	
Crown of Gold.	13 in. Large, very double, rich golden yellow flower, shaded orange.....	90	6 00	55 00	
Imperator Rubrorum.	14 in. Brilliant scarlet. Fine for forcing and one of the grandest for bedding..	1 10	7 50	70 00	
Mr. Van der Hoeft.	13 in. A yellow sport of Murillo with all its superb qualities. One of the very finest of the primrose-yellow double Tulips. A very lovely flower.....	1 25	9 00	85 00	
Murillo.	12 in. Delicate rose-pink, flushed white. Fine for bedding, and excellent for forcing.....	80	5 00	45 00	
Peach Blossom.	12 in. Bright rose-pink, flushed white, deepening with age to carmine-rose; large. A sport of Murillo. Excellent for pots.....	1 50	10 00	95 00	
Schoonoord.	12 in. Snow-white sport of Murillo. One of the finest....	90	6 50	60 00	
Tea Rose	(Safrano). 12 in. Soft pale yellow, shaded apricot.....	90	6 50	60 00	
Toreador.	13 in. Reddish bronze and orange. Very handsome.....	1 30	9 50	90 00	
Tournesol.	12 in. Rich scarlet, edged yellow. Very showy.....	90	6 50	60 00	
Vuurbaak.	13 in. Bright scarlet; splendid bedder; large, well-shaped flowers on strong stems.....	1 20	8 25	77 50	
Superfine Mixture.	All colors.....	60	4 00	35 00	

PARROT TULIPS

This class of Late-flowering Single Tulips is very suitable for cutting purposes. The flowers, quaintly shaped and borne on long stems, remain in good condition for a long time after being cut. Parrot Tulips are large, of striking colors, growing 14 to 15 inches high.

ADMIRAL OF CONSTANTINOPLE.	Dark red, Doz. shaded and tipped orange.....	100	\$0 65	\$4 50
CRAMOISI BRILLANT.	Brilliant crimson.....	65	4 50	
LUTEA MAJOR.	Yellow, striped crimson and green.	65	4 50	

Parrot Tulips, continued

MARKGRAAF VAN BADEN.	Golden inside, feathered brilliant scarlet; purple, and green outside..	Doz.	100	\$0 65	\$4 50
PERFECTA.	Yellow, scarlet, and green.....	65	4 50		
FINEST MIXED.	All colors.....	55	4 00		

MAY-FLOWERING OR COTTAGE TULIPS

We have made a selection of the most desirable varieties in this class, and they deserve a place in every garden. Some of the most delicate shades are found in this family of Late-flowering Tulips, as well as some of the most brilliant. All are long and stiff-stemmed, and are admirably adapted for cutting purposes.

Argo.	22 in. Round flower, on strong stem; yellow, mottled red and passing off to reddish brown; delicate bronze-salmon when forced.....	100	1,000	\$2 75	\$20 00
Avis Kennicott.	23 in. Very large, chrome-yellow flower with striking black base and anthers.....	2 25	16 00		
Bouton d'Or	(Ida). 20 in. Pure deep yellow; large, globe-shaped flowers.....	75	4 50	\$40 00	
Blue Flag	(Double). 16 in. Soft violet-purple. A magnificent flower of great beauty and size.....	90	6 00	55 00	
Ellen Willmott.	25 in. Soft creamy yellow.....	75	4 50	42 50	
Fairy Queen.	25 in. Large flower. Rosy heliotrope, margined with yellow.....	75	4 50	40 00	
Gesneriana Lutea.	26 in. Immense golden yellow.....	75	4 50	37 50	
Gesneriana Major.	26 in. Very large brilliant scarlet flowers, with blue-black center.....	75	4 50	37 50	
Golden Spire.	18 in. Enormous deep golden yellow flower, edged with orange-scarlet.....	1 00	6 75	62 50	
Grenadier.	21 in. Brilliant orange-red. A new Tulip of great beauty. Flowers long, borne on very graceful stems..	1 00	6 75	62 50	
Hammer Hales.	24 in. Golden brown, suffused with old rose; inside apricot with yellow edge.....	1 15	8 00	75 00	
Inglescombe Pink.	25 in. Beautiful long flowers of bright rose-pink.....	75	4 50	37 50	
Inglescombe Yellow.	23 in. A large globular, rich yellow flower.....	75	4 50	37 50	
John Ruskin.	18 in. Deep rose-salmon, edged pale yellow; inside lilac, suffused with soft rose and yellow margin.....	1 00	6 50	57 50	
La Merveille.	20 in. Salmon-rose, shaded orange-red; fragrant.....	65	4 00	35 00	



Bed of May-flowering or Cottage Tulips

May-flowering or Cottage Tulips, continued

Le Reve (Hobbema). 13 in. Salmon-pink with lilac shade. Beautiful.....	Doz.	100	1,000
Moonlight. 24 in. Enormous light soft yellow flower.....		\$1 10	\$7 50 \$70 00
Mrs. Moon. 25 in. A magnificent and immense Tulip of rich orange-yellow.....		90	6 25 55 00
Orange Beauty. 20 in. Enormous brilliant orange-red flower..		1 00	7 25 65 00
Picotee (Maiden's Blush). 24 in. White, penciled and margined with pink...		80	5 00 45 00
Retroflexa. 17 in. Splendid yellow flower, with elegantly recurved petals. Fine for cutting.....		70	4 00 37 50
Royal White. 16 in. Large long flower of white touched with primrose through the outside center of petals. A fine Tulip.....		75	4 50 42 50
The Fawn. 20 in. A unique shade of fawn tinged with silvery dove-gray..		85	5 50 50 00
Vitellina. 20 in. A sweet-scented creamy flower of large size, with fragrance like that of the orange. Looks well planted with some clear pink variety. Forces well...		80	5 00 45 00
Walter T. Ware. 18 in. The deepest and richest of all the yellow Cottage Tulips. A remarkably beautiful flower of great substance.....		4 50	35 00
Extra-Fine Mixed. All colors.....		50	3 50 30 00

DARWIN TULIPS

For the borders, among other hardy flowers, for isolated grouping against a background of shrubs, or for combinations of delicate colors for effects of contrast in the flower garden, the Darwins are matchless. They flower about the middle of May, a time in which the spring flowers are over and the summer flowers have not yet come in. They last a very long time when cut.

Afterglow. 26 in. Deep rosy orange, with salmon shading at edges of petals; inside deep orange with yellowish base. A showy Tulip for outdoors.....	Doz.	100	1,000
Ariadne. 28 in. A glowing rose-crimson shaded scarlet, blue base.....		\$2 00	\$15 00
Baronne de la Tonnaye. 30 in. A long beautiful flower; clear carmine-rose at the mid-rib, toning off to soft pink at the edges.....		1 10	7 50 \$70 00
Bartigon. 28 in. Large flowers of fiery crimson with white base.....		75	4 50 40 00
		90	6 00 52 50

Darwin Tulips, continued

Bleu Aimable. 25 in. Pale lavender, with white base, starred blue; beautiful flower of distinct shape.....	Doz.	100	1,000
Calliope. 30 in. Fine soft rose, good for forcing.....		\$1 00	\$6 50 \$60 00
Centenaire. 30 in. Rich violet-rose with blue base. A magnificent flower for the border and good for forcing....		75	4 50 40 00
Clara Butt. 22 in. A large flower of remarkable beauty; an exquisite shade of soft salmon-pink shaded rose.....		1 00	6 50 62 50
City of Haarlem. 27 in. Largest, and easily the best bright red Darwin Tulip. Huge flowers on long, sturdy stems; glowing scarlet with slate-blue base.....		65	4 00 35 00
Dream. 26 in. Large cup-shaped flower of heliotrope with silvery lilac margin; blue base.....		3 50	25 00
Edmee (Beauty). 25 in. Vivid cherry-rose, edged soft old rose—the brightest color in this type; large flower.....		80	5 00 45 00
Europe (Salmon King). 24 in. Large, globular flower of glowing salmon-scarlet shaded rose.....		1 00	6 50 60 00
Faust. 30 in. Deep purple-maroon; large and brilliant.....		75	4 50 40 00
Flamingo. 26 in. Lovely flesh-pink tinted rose, distinct color.....		1 25	8 00 75 00
Frans Hals. 29 in. Enormous violet-blue flower on a strong stem.....		1 00	6 50 60 00
Glow (Claude Gilot). 24 in. Dazzling vermilion-scarlet, blue base, edged white.....		85	5 50 50 00
Gretchen (Margaret). 22 in. Lovely globular flower of delicate blush and silvery pink.....		80	5 00 47 50
Harry Veitch. 23 in. Blood-red with brighter edge and blue base; very brilliant; medium-sized flower.....		85	5 50 50 00
King Harold. 26 in. Bluish slate color, white base; very distinct....		75	5 00 45 00
La Tristesse. 26 in. Bluish slate color, white base; very distinct....		1 00	6 50 60 00
La Tulipe Noire (The Black Tulip). 26 in. The "blackest" of all Tulips; a large broad flower of glossy black..		1 00	6 50 60 00
Le Notre. 26 in. Beautiful shade of bright pink; blue base, very large flower on a strong stem.....		1 10	7 50 70 00



Gorgeous Beds of Giant Darwin Tulips

Darwin Tulips, continued

Marconi.	27 in. Deep purple when the flower first opens, gradually changing to ashy purple as the flower ages; pure white base.	Doz.	100	1,000
			\$0 85	\$5 50 \$50 00
Massenet.	30 in. Pale rose, margined creamy white. One of the last to bloom.	1	25	8 50 80 00
Mme. Krelage.	28 in. A grand flower of purplish rose, broadly margined with blush-pink; white base.	85	5 50	50 00
Mr. Farncombe Sanders.	30 in. Brilliant orange-scarlet; extra fine.	85	5 50	50 00
Mrs. Potter Palmer.	24 in. A beautiful large new variety of deep rich violet-purple with a bluish sheen on the outer petals.	85	5 00	45 00
Nauticus.	30 in. A large, handsome flower of glowing deep cherry-rose; center violet, shaded bronze.	75	4 50	42 50
Painted Lady.	26 in. One of the best of the white Darwins.	75	4 50	40 00
Philippe de Commynes.	26 in. Large, velvety dark purple; flower on stiff stem.	90	5 50	50 00
Pride of Haarlem.	28 in. Magnificent flower of immense size; coloring brilliant salmon-rose, shaded with scarlet; blue base.	75	4 50	40 00
Princess Elizabeth.	26 in. A long rose-bud-shaped flower of the deepest pink on a stiff stem.	1 10	8 00	75 00
Prince of the Netherlands.	31 in. Crimson, edged rose, blue base; extra-large flower of striking color.	1 25	8 50	80 00
Professor Rauwenhof.	28 in. Deep cherry-rose, with salmon glow inside; bright blue base; extra large. One of the finest for early forcing.	1 00	6 25	62 50

Darwin Tulips, continued

Psyche.	26 in. A very large flower of rich rose color; inside shaded silvery rose; center pale blue.	Doz.	100	1,000
			\$0 75	\$4 50 \$40 00
Rev. H. Ewbank.	20 in. A large, broad flower of silvery lavender, shading toward the center into bluish heliotrope.	75	4 50	42 50
Ronald Gunn.	28 in. Velvety violet, edged lavender, with white base, the general effect being almost true blue.	1 00	6 50	60 00
Suzon.	28 in. Center of petals buff-rose, shading to blush at the margin, with white base, delicately marked blue.	75	5 00	45 00
Valentine.	22 in. Heliotrope, shaded violet. Flowers beautifully shaped and carried on long stems.	90	6 00	55 00
White Queen.	24 in. Buds tinged with pink; mature flowers almost pure white. The best-known white Darwin for bedding and forcing.	85	5 00	47 50
William Copland.	25 in. Delicate lavender. The best early forcing variety.	85	5 25	48 00
William Pitt.	24 in. One of the largest and grandest of the Darwins. Brilliant carmine, center of petals overspread with dark red.	1 10	7 50	72 50
Mixed Darwins.	All colors.	60	3 50	32 00

REMBRANDT TULIPS

These Late or May-flowering Garden Tulips are in reality Darwin Tulips which have "broken" into permanent variegations—flowers of various rich colors are striped, blotched, and marked with different shades and colors.

BUTTERFLY.	Soft lilac, with deep carmine stripe.	\$1.20 per doz., \$8 per 100.
RED PRINCE.	Fiery red flames on rosy ground.	\$1.20 per doz., \$8 per 100.
CHOICE MIXED VARIETIES.		\$1.10 per doz., \$7.50 per 100, \$70 per 1,000.

DUTCH BREEDER TULIPS May-flowering

Breeder Tulips are very similar in habit to the Darwins, and flower at the same time. Their chief characteristic is their immense blooms borne on strong, stiff stems, many of them longer than the most gigantic Darwins. The revival of the taste for art colors has made these Tulips strong favorites with American enthusiasts, who find in their bronze, buff, and brown shades excellent material for contrasting with the light and bright colors of the Darwins.

Abd-el-Kader.	26 in. D a r k copper-bronze, lighter border; very beautiful.....	Doz. 100	1,000	
		\$1 75	\$12 50	
Apricot.	25 in. Dull, bronzy buff, shaded deep apricot; base olive-green. A splendid border variety, frequently having an extra number of petals.....	1 50	10 50	
Bacchus.	32 in. Dark violet-blue, the outside of the petals having a darker bloom; base starred white. Quite the nearest approach to dark blue in late Tulips.....	2 75	20 00	
Bronze Queen.	28 in. S o f t golden bronze; large flower of sturdy habit. A very exquisite color when forced and splendid for the border.....	85	5 50	\$50 00
Cardinal Manning.	28 in. A splendid shade of rosy violet, with a slight edge of bronze; large-sized flower of fine form.....	1 10	7 50	70 00
Dom Pedro.	24 in. Coffee-brown with a narrow edge of golden brown; inside rich mahogany with olive base. Flowers large and fragrant.....	1 40	10 00	95 00
Godet Parfait.	30 in. Dark blue-purple, with white base and blue halo; very large flower of striking color....	1 60	11 00	
Golden Bronze.	24 in. Old-gold, shaded bronze. A large, well-formed flower of attractive appearance....	1 00	6 50	60 00
Jaune d'Œuf (Sunrise).	26 in. Coppery yellow, with broad stripe of lilac; inside bronze-yellow with dark green center. A splendid variety for forcing and fine for borders.....	1 15	8 00	75 00
Kloppstock.	26 in. Clear violet-blue, shaded lilac; large, long-shaped flower..	1 10	7 50	70 00
Louis XIV.	32 in. An even tone of dark purple, with a broad margin of golden bronze. A very large flower of wonderful substance.....	3 00	22 50	

Dutch Breeder Tulips, continued

Lucifer.	28 in. Rich rosy orange, edged orange-scarlet. A brilliant flower of majestic form, on a tall stem.....	Doz. 100	1,000	
		\$3 00	\$22 50	
Panorama (Fairy).	26 in. One of the best flowers of large size; deep orange-red or terra-cotta shaded mahogany.....	1 15	8 00	\$75 00
Plutarchus.	26 in. Bronze, with dull lilac bloom, inside shaded terra-cotta, with olive-green base. Well-formed flower on strong stem. Very good forcer....	1 25	8 50	80 00
Prince of Orange.	25 in. Large, showy flowers; terra-cotta, edged orange with yellow base and black center.....	1 40	10 00	95 00
Velvet King (Dreadnought).	26 in. Immense flowers of rich, royal deep purple, held erect on tall, stout stiff stems and lasting in good condition for a long time.....	1 75	12 00	
Yellow Perfection.	26 in. A large flower of remarkable beauty. Light bronze-yellow, edged golden yellow; interior bronzy brown; yellow base starred green.....	1 25	8 50	80 00
Mixed Breeders		75	4 50	40 00

ROSE BYBLÆMEN TULIPS

Magnificent late May-flowering Garden Tulips, producing immense, perfectly formed flowers on tall stems; coloring, white ground with beautiful stripes and markings of crimson, pink, scarlet, and rose.

CHOICE MIXED ROSE BYBLÆMENS. 85 cts. per doz., \$5.50 per 100, \$50 per 1,000.

VIOLET BYBLÆMEN TULIPS

Large, late May-flowering Garden Tulips, blotched, striped, or feathered with blue, lilac, violet, purple, or black on white ground.

CHOICE MIXED VIOLET BYBLÆMENS. 85 cts. per doz., \$5.50 per 100, \$50 per 1,000.

SPECIES TULIPS

CLUISIANA. The "Little Lady" Tulip. A variety from Asia Minor. Outer petals cherry-red, inner petals white with violet. This variety may be used for late forcing or when planted outside should be planted 6 inches deep. Grows about 8 inches in height. 90 cts per doz., \$6 per 100, \$52.50 per 1,000.



A bed of Breeder and other May-flowering Tulips

HARDY LILIES (*Lilium*)

The demand for Hardy Lilies is rapidly increasing. The stately habit, beauty of form, and variety of colors, displayed by the various species is almost endless and always interesting and handsome. The earlier types commence flowering in June and later sorts maintain a succession of bloom until autumn. Some are excellent for backgrounds and shrubbery borders; and other kinds are suitable for growing in the conservatory.

We recommend planting 6 to 8 inches deep. Speciosums require at least 8 inches, with some sand beneath the bulb to insure drainage. Cover the beds with leaves or litter during winter. The following varieties may be planted either in the fall or in the spring with excellent results, except *Lilium candidum*, which must go into the ground in early autumn.

Most Lily bulbs do not arrive in our country until October and November, which is the best time to plant them. Where the ground is liable to freeze before late Lilies arrive, it should be mulched.



Lilium candidum

AURATUM (Golden-banded Lily). Often 8-12 in. across. White, spotted crimson, each petal marked in center with wide band of yellow. Fragrant. Flowers in August. Each Doz. 100

Mammoth Bulbs.....\$0 50 \$5 00 \$37 50
Monster Bulbs.....60 6 50 45 00

SPECIOSUM ALBUM. A charming, late-flowering, pure white hardy garden Lily of easy culture. Each Doz. 100

Mammoth Bulbs.....\$0 60 \$6 50 \$45 00

SPECIOSUM MELPOMENE. White blooms, heavily spotted and overlaid with crimson. Each Doz. 100

Mammoth Bulbs.....\$0 50 \$5 00 \$37 50
Monster Bulbs.....60 6 50 45 00

SPECIOSUM MAGNIFICUM. An enormous rich deep red flower, spotted crimson. Blooms in August. Each Doz. 100

Mammoth Bulbs.....\$0 50 \$5 00 \$37 50
Monster Bulbs.....60 6 50 45 00

SPECIOSUM RUBRUM (*L. speciosum roseum*). Rosy white, heavily spotted with rich crimson. Each Doz. 100

Mammoth Bulbs.....\$0 50 \$5 00 \$37 50
Monster Bulbs.....60 6 50 45 00

HENRYI. This beautiful and rare variety closely resembles the Speciosum type, and has been called "Yellow Speciosum." The flowers are rich apricot-yellow with a few brown spots. Grows 3 to 5 feet high. 75 cts. each, \$7.50 per doz.

TIGRINUM SPLENDENS (Improved Tiger Lily). Bright, orange-red, spotted with black; very showy; 4 to 5 feet. 25 cts. each, \$2.75 per doz., \$20 per 100.

TIGRINUM FLORE-PLENO (Double Tiger Lily). Double, showy flowers of orange-red, spotted with black. 30 cts. each, \$3 per doz., \$22.50 per 100.

LILIAM REGALE (*L. myriophyllum*)

This variety from western China is one of the most beautiful Lilies yet introduced. It grows 3 to 5 feet high, blooms out-of-doors in July, is perfectly hardy, and flourishes under very varied conditions. The large, trumpet-shaped, delicately scented flowers, which are produced freely, are ivory-white shaded pink, tinged with canary-yellow at the base of the petals. It is also excellent for forcing. Strong-flowering bulbs, 75 cts. each, \$8 per doz.

LILIAM CANDIDUM (Madonna Lily)

This is sometimes called St. Joseph's, Madonna, or Annunciation Lily. It is one of the most popular and satisfactory of the whole tribe. Pure waxy white flowers produced on straight stems in tall spires of ten to thirty blooms of good size and substance; delightfully fragrant. Effective planting is the result of massing them in clumps or borders against a background of stone or evergreens. Plant the bulbs as early as possible—September is best.

	Each	Doz.	100
Large Bulbs.....	\$0 30	\$3 00	\$20 00
Extra-Large Bulbs.....	40	3 75	28 50
Mammoth Bulbs.....	50	5 00	37 50

LILIAM HARRISI

True Bermuda Easter Lily

This Lily is now so well known that it needs no description. It is undoubtedly one of the most popular flowers ever used for forcing but it is scarcely hardy enough to do well outdoors. The bulbs we supply are of the highest quality obtainable and are perfectly true. Ready in August.

	Each	Doz.	100
Large Bulbs.....	\$0 50	\$5 00	\$35 00
Mammoth Bulbs.....	85	9 00	65 00
Monster Bulbs.....	1 50	15 00	

JAPANESE LILIES

For Greenhouse Forcing

We offer two varieties of Japanese Lilies which are largely grown for January to Easter flowering: *Lilium longiflorum formosum*, which usually arrives in this country in September, and *L. longiflorum giganteum*, which usually arrives in October or November.

LONGIFLORUM FORMOSUM. Dark stems; blooms early. Often used instead of the Bermuda as an Easter Lily. Ready in September.

	Each	Doz.	100
Large Bulbs.....	\$0 40	\$4 00	\$30 00
Extra-Large Bulbs.....	60	6 00	45 00
Mammoth Bulbs.....	1 00	10 00	75 00
Monster Bulbs.....	1 50	15 00	

LONGIFLORUM GIGANTEUM. Dark stems; later than the preceding; flowers of more substance. Ready in October or November.

	Each	Doz.	100
Large Bulbs.....	\$0 40	\$4 00	\$30 00
Extra-Large Bulbs.....	60	6 00	45 00

If Lily bulbs are wanted by parcel post add 20 cts. per dozen for postage.



Lilium speciosum rubrum



**Collection of
Single Early Tulips**

Five varieties here pictured in
natural colors.

1. Chrysolora
2. Albion
3. Couleur Cardinal
4. Prince of Austria
5. Pink Beauty

5 bulbs of each (25 bulbs) for \$2.
10 bulbs of each (50 bulbs) for \$3.75.
25 bulbs of each (125 bulbs) for \$9.
50 bulbs of each (250 bulbs) for
\$17.50.
100 bulbs of each (500 bulbs) for
\$34.

**Cottage or May-Flowering Tulip
Collection**

Four of the very finest May-flowering Tulips.

1. **The Fawn**
2. **John Ruskin**
3. **Inglescombe Pink**
4. **Inglescombe Yellow**

10 bulbs of each (40 bulbs).....	\$2 40
25 bulbs of each (100 bulbs).....	4 75
50 bulbs of each (200 bulbs).....	9 25
100 bulbs of each (400 bulbs).....	18 00





Narcissus naturalized

NARCISSI

No spring-blooming flowers are more deservedly popular than Narcissi, but because of Quarantine No. 37 the usual sources of supply in Europe have been cut off. We have succeeded in securing a sufficient quantity of the following varieties which have been grown in the United States, and offer them with the confidence that they will prove every bit as satisfactory as the bulbs heretofore obtained abroad.

Narcissi may be grown in the garden, or naturalized among perennials and shrubs. Once planted they increase in quantity and beauty from year to year.

LARGE TRUMPET NARCISSI

These are select varieties, suitable for garden culture or growing in pots.

Bicolor Victoria. A Bicolor famous for its large and durable flowers which stand boldly erect; broad perianth of creamy white; large, broad, fluted trumpet of rich yellow.

	Doz.	100
Large Bulbs	\$1 75	\$12 50
Mammoth Bulbs	2 25	16 00

Cervantes. A very early variety. Perianth clear sulphur; trumpet yellow and nicely frilled. \$2.50 per doz., \$17.50 per 100.

Emperor. Perianth deep primrose-yellow; trumpet rich yellow; a very large flower. Excellent for naturalizing or forcing.

	Doz.	100
Large Bulbs	\$1 50	\$11 00
Mammoth Bulbs	2 00	15 00

Empress. White perianth of great substance; trumpet rich chrome-yellow. Showy for border or naturalizing. Does equally well forced.

	Doz.	100
Large Bulbs	\$1 75	\$12 50
Mammoth Bulbs	2 25	16 00

Giant Princeps. One of the most popular; perianth sulphur-yellow; trumpet rich yellow. As a forcing variety it is superior in every way, and a fine sort for naturalizing. \$1.75 per doz., \$12.50 per 100.

Glory of Leiden. Perianth rich yellow, broad and spreading; very long trumpet of golden yellow, enormous flower of great vigor and substance and the easiest culture. \$2 per doz., \$15 per 100.

Golden Spur. A very good variety, both perianth and trumpet being of a rich yellow color. It is of unusually robust habit and unsurpassed for garden, pots, or forcing.

	Doz.	100
Large Bulbs	\$1 75	\$12 50
Mammoth Bulbs	2 25	16 00

King Alfred. This is considered the largest and finest deep golden yellow Trumpet variety. A tall, strong grower, with magnificent frilled trumpet and large perianth, all of a uniform rich golden yellow.

	Doz.	100
Large Bulbs	\$3 50	\$25 00
Mammoth Bulbs	4 50	32 50

Olympia. This remarkably fine Daffodil might briefly be described as a greatly improved Emperor, being much larger and of a richer, deeper color. \$4.25 per doz., \$30 per 100.

Robert Sydenham. Sulphur-yellow, well-formed perianth; beautiful, large, yellow, wide-open trumpet, with a fine deeply frilled brim. A splendid exhibition variety for forcing after February 1. \$8 per doz., \$60 per 100.

Spring Glory. Clear white perianth with long petals of splendid form; long trumpet of deep yellow, well reflexing at the brim. \$3.50 per doz., \$25 per 100.

Spurius (Single von Sion). Golden yellow; early. \$1.50 per doz., \$10 per 100.

Van Waveren's Giant. This is the largest Narcissus in cultivation. Perianth soft primrose-yellow with an immense bright yellow trumpet fringed at the rim. Strong, vigorous grower, and just as satisfactory for growing in pots as in the garden. 50 cts. each, \$5.50 per doz., \$40 per 100.

Giant Trumpets in Mixture. A splendid mixture for naturalizing. \$1.25 per doz., \$9 per 100.

MEDIUM TRUMPET NARCISSI

A beautiful class, with large, sweet-scented flowers borne upright on long and strong stems. The perianth is composed of large petals, and the cup is of medium length. The bulbs are hardy and if planted deep enough will withstand very severe winter weather. This type of Narcissi is extensively used for naturalizing among shrubbery. They are also very showy planted in beds and are easily grown in pots for winter and spring blooming.

Barrii Conspicuus. Large, soft yellow perianth; short cup, edged orange-scarlet. A popular and distinct variety. \$1.25 per doz., \$9 per 100.

Lucifer. A large-flowering variety with white perianth and cup of glowing red-orange; strong grower. \$1.75 per doz., \$12 per 100.

Mrs. Langtry. A free-flowering variety with broad white perianth and white cup opening pale primrose. \$1.25 per doz., \$9 per 100.

Sir Watkin. Primrose perianth; crown yellow, tinged bright orange. This is the largest and most popular of the short-cup Narcissi; perfectly hardy and recommended for growing in pots, beds, or borders.

	Doz.	100
Mammoth Bulbs.....	\$2 00	\$15 00

White Lady. A grand giant-flowering variety. Virtually a white Sir Watkin. Large, broad, pure white perianth; bold frilled cup of pale citron passing to white. \$2 per doz., \$14 per 100.

DOUBLE NARCISSI, OR DAFFODILS

The double varieties are particularly well adapted for winter forcing and keep a long time as cut-flowers. Grown in the open they are suited for planting in solid beds, or they may be naturalized either in the lawn, the meadow, or the woodland. A clump here and there in the perennial bed makes a very attractive showing.

Alba Plena Odorata. A sweet-scented, pure white variety called Double Poet's Narcissus. It flowers later than many of the other Daffodils, and is not desirable for forcing, but makes a handsome show bedded among perennial plants and shrubbery. \$1.50 per doz., \$10 per 100.

Incomparable, Double. The color is yellow and orange, and it makes an attractive cut bloom. Its greatest value is for outdoor planting, as it does not force so well. \$1.50 per doz., \$10 per 100.

Orange Phoenix. Eggs and Bacon. Beautiful double white flowers with orange center. Splendid for pot culture and cutting. \$1.50 per doz., \$11 per 100.

Sulphur (Silver) Phoenix. Codlins and Cream. Large creamy flowers with sulphur center. \$1.50 per doz., \$11 per 100.

Double Von Sion. The true "Double Yellow Daffodil." Rich golden yellow perianth and trumpet. This is the old favorite so highly prized in old-fashioned gardens.

	Doz.	100
First Size Bulbs.....	\$1 50	\$11 00
Mammoth Size Bulbs.....	2 00	15 00

NARCISSUS POETAZ

You can grow the lovely Poetaz Narcissus out-of-doors without danger—perfectly hardy. Flowers are the shape of Poeticus varieties, with free-flowering habits of the Polyanthus. Several flowers in a cluster on one stem. Excellent for forcing, as well as the garden.

Elvira. A large flower of remarkable substance; perianth pure white with a yellow eye; three or four flowers on a stem. Splendid for pots, pans, or garden culture. \$1.75 per doz., \$12 per 100.

Helios. Creamy yellow; pure yellow cup. Good forcer. \$2 per doz., \$15 per 100.

Laurens Koster. Perianth pure white, with delicate orange cup. Splendid for bedding. \$2 per doz., \$14 per 100.

NARCISSUS POETICUS

Poet's or Pheasant-Eye Narcissus

Old-fashioned favorite type; all have snowy white flowers, with yellow or lemon cups margined more or less deeply with red and with rich, spicy odor. Do well in the open border, or naturalized in grass, are perfectly hardy, and once planted take care of themselves.

Poeticus ornatus. More symmetrical than the old Poeticus, and blooms almost a month earlier; flowers large, pure white; cup margined with scarlet.

	Doz.	100
First Size Bulbs.....	\$1 25	\$9 00
Mammoth Size Bulbs.....	1 50	11 50

CHINESE SACRED NARCISSI

If to be sent by parcel post, add postage at your zone rate—one dozen bulbs weigh 5 pounds

Flowers in clusters very similar to those of the Paper-White Narcissus, but the cups within the petals are yellow. Planted in pots or bowls, in soil or in water with pebbles, they bloom in from six to eight weeks. Plant bulbs at intervals of ten days up to Christmas.

MAMMOTH BULBS. 40 cts. each, \$4 per doz.

JONQUILS

Much prized for their sweet-scented, small, golden yellow flowers; admirably adapted for winter flowering in soil. Perfectly hardy and easily naturalized.

Campernelle Rugulosus. Large, rich yellow flowers, borne very freely, and fine for cutting. \$1.25 per doz., \$8 per 100.

Single Sweet-scented. Rich buttery yellow; not as large a flower as the others, but most fragrant and very free-flowering. 75 cts. per doz., \$4.50 per 100.

Double Sweet-scented. Heads of small but very double deep golden yellow flowers. \$1.25 per doz., \$8.50 per 100.

POLYANTHUS NARCISSI

American Grown

The flowers of this class of Narcissi are deliciously sweet-scented and are suitable for the window-garden and the conservatory. The bulbs are of the easiest culture and produce flowers very freely, on long stems bearing from six to a dozen blooms each.

GRAND SOLEIL D'OR. Yellow, with orange cup; Doz. 100
very free-blooming.....\$2 75 \$20 00

PAPER-WHITE GRANDIFLORA NARCISSI

The beauty and grace of these flowers may be enjoyed throughout the winter with small outlay of money and effort. Successive plantings give flowers from Christmas until Easter. Plant the bulbs so that they almost touch each other in soil, fiber, or water, supported by pebbles, and store them in a cool, dark place for about five weeks until they are well rooted. Bring them into the light gradually as they are needed. If potted about October 1, and brought to the light in the middle of November, they will be in bloom for Christmas.

Our bulbs are from the best American-grown stock, and we confidently expect them to be equally as satisfactory as those we used to get abroad, but we cannot guarantee this.

	Doz.	100
Mammoth Size Bulbs.....	\$1 15	\$8 00
Monster Bulbs.....	1 25	9 00



Paper-White Grandiflora Narcissi

Pebbles. Carefully screened and selected for growing bulbs in water. Qt. 10 cts., 4 qts. 40 cts., pk. 75 cts. Cannot be sent by mail.



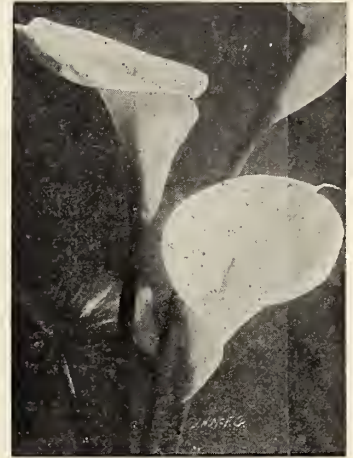
Amaryllis



Chionodoxas



Giant Crocuses



Calla Lilies

Miscellaneous Bulbs and Roots

AMARYLLIS

On receipt of the bulbs in the autumn they should be placed where they will always be slightly moist and warm—under the benches of a greenhouse, for example. Do not pot up the bulbs before the flower-buds appear; when first potted, give very little water, and promote growth by giving moderate bottom heat; increase the supply of water as the plants progress. Very often the mistake is made of potting up the bulbs too early; the consequence is that only leaf-growth is made.

GIANT AMERICAN HYBRIDS. We believe this selection is the best obtainable at the present time, and we know of nothing that will give the amateur greater pleasure for the window-garden. They are of vigorous growth, free-flowering habit, and enormous size of the individual flowers. We offer mixed varieties only, in very strong bulbs (ready November 1). 85 cts. each, \$2.35 for 3, \$9 per doz.

ANEMONES (Windflower)

These popular flowers of French origin are exceedingly useful as a decorative plant for house or garden, and fine for cutting. If planted outdoors in the fall they must be well protected with leaves or other litter; they may also be planted in the spring in well-drained soil, and will flower during the summer, starting in May. When planted in pots, place twelve or more in a cluster and store away, if possible, in a coldframe until February 1; if carefully watered, when brought into the house they will flower abundantly.

SINGLE DE CAEN (Giant French Poppy-flowered Anemone). Large flowers of brilliant and varied colors. \$1 per doz., \$6.50 per 100, \$60 per 1,000.

CALLA LILIES

White (*Richardia ethiopia*). The White Calla, or Lily-of-the-Nile, is a well-known plant of easy culture, and in winter is one of our best window plants. To aid profuse blooming keep them dormant from the middle of June until the last of August; repot as soon as received in good, rich soil, using 6 to 8-inch pots; give water, light and heat in abundance, and the result will be most satisfactory.

	Each	Doz.	100
Medium-Size Roots.....	\$0 30	\$3 00	\$20 00
Mammoth Roots.....	40	4 00	30 00
Monster Roots.....	60	6 00	45 00

Godfrey Everblooming White. This is a great improvement over the ordinary White Calla, especially for the amateur, being of even freer growth and much more floriferous over a longer season. The flowers, while a trifle smaller than the old-fashioned Calla, are of purer white.

	Each	Doz.	100
First-Size Roots.....	\$0 25	\$2 50	\$18 00
Mammoth Roots.....	35	3 50	25 00

Yellow, Elliottiana. The finest Yellow Calla. Large, rich deep golden flowers often 4 to 5 inches across at the mouth. Habit of growth and foliage like the old favorite White Calla excepting the leaves of Elliottiana are spotted with white.

	Each	Doz.	100
First-Size Roots.....	\$0 30	\$3 00	\$20 00
Mammoth Roots.....	40	4 00	30 00

FANCY-LEAVED CALADIUMS

(Ready in January)

CHOICE NAMED VARIETIES. 40 cts. each, \$4 per doz., \$30 per 100.

CHIONODOXA · Glory-of-the-Snow

The most beautiful of dwarf blue spring flowers, resembling those of *Scilla sibirica*, but larger, slightly taller, and more handsome. The Chionodoxa is very hardy, thriving in any ordinary garden soil and in almost any situation. The bulbs continue to flower from year to year.

LUCILIAE. Bright sky-blue flowers, with large white centers. 60 cts. per doz., \$3.25 per 100, \$25 per 1,000.

SARDENSIS. Rich deep blue, with small white center. 65 cts. per doz., \$3.50 per 100, \$30 per 1,000.

GIGANTEA. Resembling *C. Luciliae*, but with much larger blooms of soft gray-blue. 65 cts. per doz., \$3.50 per 100, \$30 per 1,000.

BEGONIAS, Tuberous-rooted

(Ready in January)

Splendid pot plants for the house or greenhouse, and especially valuable for bedding, flowering in the greatest profusion throughout the summer.

We can supply extra-size bulbs in the following colors:

SINGLE: Scarlet, Pink, Orange, Yellow, Salmon. Each color, \$4 per doz., \$30 per 100.

DOUBLE: Crimson, Scarlet, Rose, Salmon. Each color, \$4.50 per doz., \$35 per 100.

GIANT CROCUS

Mammoth-Flowering Named Varieties

These are large, selected bulbs of the best varieties and are noted for the immense size and quantity of their flowers and richness of color. The small, cheap bulbs we do not handle, as they fail to give satisfaction. Crocuses may be planted as an edging to beds, in careless patches in the grass, in masses among trees and shrubs, or on the slopes of terraces. In pots, planting twelve to fifteen bulbs in a 6 or 7-inch pan, they are very beautiful. Plant 2 inches deep and from 1 to 2 inches apart.

	Doz.	100	1,000
ALBION. Striped.....	\$0 50	\$3 00	\$25 00
BARON VON BRUNOW. Blue.....	50	3 00	25 00
DANDY. Dark purple, distinct white tips....	50	3 00	25 00
GOLDEN YELLOW. Mammoth Bulbs....	50	3 00	25 00
Jumbo Bulbs.....	60	3 50	30 00
KING OF THE WHITES. Large; white....	50	3 00	25 00
MONT BLANC. White.....	50	3 00	25 00
PURPUREA GRANDIFLORA. Large; purple.....	50	3 00	25 00
SIR WALTER SCOTT. Striped.....	50	3 00	25 00
GIANT NAMED MIXED.....	40	2 50	20 00
FINE MIXED.....	30	2 00	17 50

ERANTHIS HYEMALIS

(Winter Aconite)

Early in spring the golden blossoms look charming, resting on an emerald-green cushion of leaves, and forming a striking contrast to the snowdrops, scillas, and chionodoxas. The foliage remains long after the flowers, making the plant especially valuable in moist situations, such as under trees, and where few other flowering plants will thrive. 5 to 8 inches high. 50 cts. per doz., \$3 per 100, \$25 per 1,000.



Freesias



Fritillaria imperialis



Fritillaria meleagris



Spanish Iris

FREESIAS

One of the most beautiful and popular flowers for house or conservatory. Very valuable for cutting, being peculiarly graceful and possessed of a sweet, delicate perfume. They force easily and may be had in bloom by Christmas if desired.

WATERER'S PURITY. The flowers are of extra-large size and of a pure glistening white.

	Doz.	100	1,000
Mammoth Bulbs.....	\$0 60	\$4 00	\$35 00
Jumbo Bulbs.....	1 00	6 50	60 00

GIANT-FLOWERING COLORED FREESIAS

These beautiful novelties are rapidly winning favor on account of their lovely and unique colorings. Very fragrant and free-flowering.

AURORA. A large-flowering yellow, suffused with orange. A variety which has many admirers. \$1 per doz., \$6.50 per 100.

CALIFORNIA. A large flower of a bright golden yellow; extra-strong, fine growth and long stems. One of the very finest yellow Freesias. \$1 per doz., \$6.50 per 100.

CARMENCITA. A beautiful light orange-salmon hue with buff shading on the lower petals; long, wiry stems. \$1 per doz., \$6.50 per 100.

CARRIE BUDAU. Lavender-pink; a great improvement over Gen. Pershing with larger flowers and heavier stems. An enormous grower and producer. \$1 per doz., \$6.50 per 100.

ILENA. Deep rosy lavender with white throat, deep orange blotch on lower petal; flowers large and very attractive; good stiff stems. \$1 per doz., \$6.50 per 100.

JUNE MICHELSEN. Large-flowering deep rose-pink, with light blush throat, three lower petals are veined purplish crimson, with a deep yellow blotch on center petal. Good stiff stems and strong constitution. A variety of special merit. \$1.25 per doz., \$7.50 per 100.

OLIVETTE. Bright carmine-red, with light yellow throat, lower petals having a deep yellow blotch with crimson veins. Very profuse bloomer. \$1 per doz., \$6.50 per 100.

YELLOW PRINCE. A fine clear yellow, very free-flowering variety; blooms large in size, borne on strong stems. \$1 per doz., \$6.50 per 100.



Gloxinia

FRITILLARIA IMPERIALIS

(Crown Imperials)

Well-known hardy border plants, bearing clusters of immense, pendent bell-shaped flowers, surmounted with a tuft of green leaves. They are excellent for hardy borders and may be left undisturbed for years.

	Each	Doz.	100
Red.....	\$0 35	\$3 00	\$20 00
Yellow.....	35	3 00	20 00

FRITILLARIA MELEAGRIS

(Snake's Head)

Dwarf, spring-flowering plant, bearing large, pendent, bell-shaped flowers of various colors, in yellow, white, black, purple, striped and splashed and checkered in the most curious way. They are invaluable for pot culture, and exceedingly pretty when grown in large groups in the garden border or wild garden in a dry situation.

Mixed Colors. 85 cts. per doz., \$5.50 per 100, \$50 per 1,000.

GLOXINIAS (Ready in January)

A most valuable pot plant for the house or greenhouse; in flower from June to August.

White, Purple, Scarlet. Each color, \$4.50 per doz., \$35 per 100.

SPANISH IRIS (*Iris hispanica*)

These are extremely early and produce fragrant, orchid-like flowers of rich and beautiful colors. They are excellent for forcing, either in pans or in boxes for cutting. They are hardy out-of-doors, requiring only slight mulching in winter.

BRITISH QUEEN. Large, pure white.

CAJANUS. Rich golden yellow.

EXCELSIOR. Light blue, deep orange blotch.

KING OF THE BLUES. Deep dark blue, shaded lighter.

QUEEN WILHELMINA. Finest white.

SOLFATARE. Bright blue.

THUNDERBOLT. Darkest bronze; extra fine.

Price, any of the above Spanish Irises, 85 cts. per doz., \$6 per 100

IXIAS

The Ixia is a beautiful little winter-flowering bulb, with long, slender, graceful spikes of bloom. The colors are rich, varied, and beautiful, the center always differing in color from the other parts of the flower, so that the blossoms, expanding in the sun's rays, present a picture of gorgeous beauty. Very desirable for pots. We offer them in mixture at 45 cts. per doz., \$2.75 per 100, \$25 per 1,000.

EARLY-FLOWERING GLADIOLUS

These Gladiolus are extensively used for winter forcing. They can be forced by the end of March, and come in very useful when most of the other bulbs have gone. Noted for their lasting qualities; every flower opens to the extremity of the spike.

BLUSHING BRIDE. One of the most beautiful; flowers are ivory-white, with deep crimson blotches on lower petals.

PEACH BLOSSOM. Graceful spikes of charming flowers, delicate rosy blush, blotched pale rose and cream.

SAPHO. Mauve, with slightly lighter flakes.

Price, any of the above, 85 cts. per doz., \$6 per 100



Ranunculus



Snowdrops



Spirea

LILY-OF-THE-VALLEY

For Growing in the House

Few people realize how easily the dainty Lily-of-the-Valley can be brought to perfection in the house, with longer stems and larger flowers than any grown outdoors.

By planting our specially prepared roots successively in fiber, peat, or soil, and giving them gentle heat and plenty of water, these delicately lovely, highly fragrant flowers may be had in profusion throughout the late winter and early spring.

Waterer's "XXX Perfection Brand"

The earliest, largest, and best for forcing. Strong pips.

\$3.50 per 100, \$50 per 1,000

If wanted by parcel post, add 10c. per doz., 25c. per 100, for postage **CLUMPS.** Ready in November. For outdoor planting only. 60 cts. per clump, \$6 per doz., \$45 per 100.

Cold Storage Lily-of-the-Valley

We offer an extra-fine grade of these for forcing, which we carry in cold storage for immediate delivery. \$1 per doz., \$7.50 per 100. Case of 250, \$18; 500, \$35; 1,000, \$65.

OXALIS

Charming little half-trailing or bushy plants particularly adapted for pot-culture and hanging-baskets. The foliage alone is very attractive and when in flower they are exceedingly pretty.

BUTTERCUP. Large, rich yellow flowers.

GRAND DUCHESS. A variety of great beauty; of dwarf, sturdy growth, throwing their large flowers well above the foliage. Extremely free-flowering. One of the most desirable for window culture. We offer them in three colors, **Pink, White, and Lavender.**

Price, any of the above, 50 cts. per doz., \$2.75 per 100

RANUNCULUS

Gorgeous dwarf flowers, easily grown in pots for winter-blooming or in coldframes for spring. Plant about 8 roots in a 6-inch bulb-pan covering 1 inch. The colors vary from white, yellow, crimson, purple, to almost black.

GIANT DOUBLE FRENCH, MIXED. 85 cts. per doz., \$6 per 100.

SCILLAS

Blue Bells and Wood Hyacinths

SIBIRICA. Most beautiful hardy spring bulbs, producing in profusion masses of exquisite rich blue flowers almost before the snow has disappeared. If grown with snowdrops and crocuses, for contrast, the effect is magnificent. Grown in pots they may be had in bloom from Christmas until April. Top-size bulbs, 85 cts. per doz., \$6 per 100, \$55 per 1,000.

CAMPANULATA (Wood Hyacinth). Flowers borne on tall spikes, 1 to 2 feet high. Each flower measures nearly an inch across and droops gracefully; perfectly hardy; also fine for pot culture. We offer the following colors:

	Doz.	100	1,000
White	\$0 70	\$4 00	\$35 00
Blue	70	4 00	35 00
Pink	80	5 25	50 00

SNOWDROPS

These elegant little flowers, the first to open in spring, should be found in every garden. The Snowdrop thrives in almost any situation or soil, and should be planted as early in the autumn as possible. A combination of crocuses, scillas, and Snowdrops make a glorious effect when planted promiscuously in a border, one following the other in flowering and in change of color.

	Doz.	100	1,000
Single	\$0 60	\$3 75	\$32 00
Double	80	5 25	45 00

SPIREA

November Delivery

This beautiful pot plant, usually grown by the florist for Easter, we are able to offer in six named varieties, in clumps suitable for growing in 6-inch pots.

AMERICA. Delicate lilac-rose; splendid forcer.

GLADSTONE. Large spikes of pure white flowers, borne on strong stems 18 inches high.

PEACH BLOSSOM. A very lovely shade of peach-blossom pink. A very free-flowering variety.

PRINCESS MARY. One of the very best of the dark pinks.

QUEEN ALEXANDRA. A popular variety on the order of Gladstone, but of a pale pink color.

RUBENS. Deep carmine-rose; very strong grower.

Strong clumps of any of the above 6 varieties, 85 cts. each, \$9 per doz., \$65 per 100



Lilies-of-the-Valley

Waterer's Choice Flower Seeds for the Greenhouse

(For Complete List of Flower Seeds, See Our General Catalogue)

Antirrhinum • Snapdragon

Tall, large-flowered varieties; valuable for cutting; grows about 3 feet in height. Pkt. Large pkt.

Giant Garnet	\$0 10	\$0 30	Giant White	\$0 10	\$0 30
Giant Pink	10	30	Giant Yellow	10	30
Giant Rose	10	30	Giant Mixed	10	30
Giant Scarlet	10	30			

COLLECTION: Six separate colors, 50 cts.

Silver Pink. Original pkt. \$1. Pkt.

Harmony. A rich terra-cotta-orange, shaded with rose and merging into golden yellow at the center. \$0 35

Peach Blow. The individual flower is unique in its coloring, having a central band of rich golden yellow which merges above and below into a delicate tint like the flush on the cheek of a well-ripened peach. 35

Philadelphia Pink. Rich, glowing pink, approaching that of the Ward carnation. A most useful color at all times. Beautiful under artificial light. 1 25

Antirrhinum maximum

This wonderful new group of Antirrhinums far surpasses anything yet introduced. In habit they are slightly taller than the Majus group. The flowers are of magnificent size, closely placed on the stems.

Cattleya. Rosy lilac.....	\$0 25
Old-Gold. Deep golden yellow.....	25
Snowflake. Pure white, yellow tube.....	25
The Rose. Rose-pink.....	25
Finest Mixed. Well balanced.....	20

One pkt. each of the above 4 colors, 85 cts.

Antirrhinum, Half-Dwarf Varieties

These grow about 20 inches in height and produce spikes of flowers of the largest size. Pkt. Large pkt.

Daphne. Soft blush-pink.....	\$0 10	\$0 30
Defiance. Orange-red.....	10	30
Firebrand. Bright scarlet.....	10	30
Golden Queen. Rich yellow.....	10	30
Mont Blanc. Pure white.....	10	30
Rose Queen. Rich rose.....	10	30

COLLECTION: One pkt. each of above 6 varieties, 50 cts.

The Fawn. Rosy fawn color, with white tube and yellow lips; face beautifully blended; a fine bright, new shade. 25

Cineraria

Our strains of this showy greenhouse plant are of acknowledged superiority, the very choicest from a prize European collection containing only the best colors.

Waterer's Prize Dwarf. Dwarf, compact plants not over a Pkt. foot high, with immense heads of large individual flowers in a great range of beautiful colors. \$0 50

Waterer's Prize Tall. Extra-fine colors, with plenty of selfs and various shades of rose. 50

Matchless. Very fine strain; contains many new colors; vigorous and compact growth. 75

Matador. Fine glowing scarlet. 50

Hybrida grandiflora, Stella. Twisted or fluted petals like a single cactus dahlia. 50

Multiflora nana. This new variety is the dwarfest and most compact type; flowers of good size and produced in great profusion. An excellent pot-plant. Mixed colors. 50

Stellata, Feltham Beauty. A great improvement on the old variety. Beautiful mixture of many colors. 50

Calendula • Pot Marigold

Valuable for pot culture, blooming in the winter and early spring. 1 foot high.

Ball's Orange. A special forcing strain. Large, Pkt. Large pkt. Oz. extra-double, bright orange flowers. \$0 25 \$0 60 \$1 50

Lemon Queen. Lemon-yellow. 10 20 40

Meteor. Yellow, striped orange. 10 20 40

Orange King. Dark orange-red. 10 20 40

Prince of Orange. Orange, slightly striped with yellow. 10 20 40

Clarkia elegans

Clarkias have become very popular of late and are grown extensively in the greenhouse during the winter. 2 to 2½ feet. Pkt. Large pkt.

Double Brilliant. Rich crimson-scarlet. \$0 10 \$0 25

Double Salmon Queen. Salmon-pink. 10 25

Double Scarlet Queen. Brilliant orange-scarlet. 10 25

Double White. Pure white. 10 25

Cyclamen

Giganteum (grandiflorum). The very choicest strain of this beautiful flower obtainable. Pkt. 100 Seeds

Blood-Red. \$0 50 \$2 50

Bright Rose. 50 2 50

Salmon King. Salmon-pink. Very fine. 50 2 50

Vulcan. Deepest red. 50 2 50

White, with Dark Eye. 50 2 50

White Swan. Pure white. 50 2 50

Finest Mixed. 40 2 00

Butterfly (Papilio or Victoria). Very large flowers with fringed and fluted petals. 50

Cherry Ripe. The brightest red Cyclamen in cultivation. 75

Mrs. Buckston. A real salmon shade—a lovely tint. 75

Pink Pearl. A lovely pale salmon. 75

Dracæna

Ornamental greenhouse plants; fine for pots, vases, or beds; green leaves. Pkt. ½ oz.

Indivisa. Narrow leaves. \$0 10 \$0 25

Australis. Broad leaves. 10 30

Gloxinia

Hybrida grandiflora. An unsurpassed strain, containing the Pkt. spotted hybrids as well as the finest self-colored sorts. \$0 50



Philadelphia Pink Antirrhinum



Calendulas

Grevillea · Silk Oak

Robusta. Really a greenhouse plant, but can be successfully Pkt. grown as an annual. It is a neat little shrub, with delicate fernlike foliage. Very useful for table decoration and in foliage groups.....\$0 10

Nemesia

Free-blooming dwarf bushes for pot culture. Seed sown in the autumn makes beautiful pot-plants for early spring blooming. Pkt.

Blue Gem. A beautiful bright blue.....\$0 15
Strumosa Suttoni. Large flowers in many rich and rare colors. 15
Dwarf Compact Hybrids. A great variety of new and improved colors; very free-flowering. 9 inches..... 15

Primula chinensis · Chinese Primrose

One of our finest free-flowering winter house plants. Our strains may be relied on as being of the finest procurable.

Alba magnifica. Pure white, with yellow eye. One of the Pkt. finest.....\$0 50
Chiswick Red. Rich deep rose..... 50
Crimson King. The deepest and richest crimson-scarlet color in Primulas..... 50
Duchess. Pure white, with large bright carmine center..... 50
Holborne Blue. A beautiful shade..... 50
Excelsior Mixed. A magnificent strain of Giant Primula..... 50
Stellata. Large heads of star-shaped flowers of various colors.. 50

Primula obconica

Gigantea Kermesina. Rich crimson..... 25
Gigantea caerulea. Blue..... 25
Gigantea, Eureka. Rich, rosy carmine, with clear yellow eye.. 25
Gigantea rosea. Pure rose-color..... 25
Gigantea, Mixed. All colors..... 25
Grandiflora alba. Pure white..... 25
Grandiflora Kermesina. Bright crimson..... 25
Grandiflora rosea. Beautiful clear rose..... 25
Grandiflora, Mixed. All colors..... 25



Primula obconica

Various Primulas

	Pkt.
Kewensis. Flowers bright yellow and fragrant.....	\$0 25
Malacoides superba. Deep rosy pink.....	25
Malacoides. Light lilac; branching habit.....	25
Malacoides alba. Pure white.....	25
Malacoides, Double. (New.) Deep, rosy pink.....	25
Malacoides, Pink Beauty. A new and very remarkable variety, with large flowers of a beautiful rosy pink, almost shading to mauve.....	25

Schizanthus · Butterfly Flower

Free-flowering and very attractive annuals for the garden in summer or the greenhouse during winter. Pkt.

Wisetonensis. The colors range from soft pink to dark brown..\$0 25
Wisetonensis, Excelsior. This may be described as a much larger flowering strain of Wisetonensis..... 25
Wisetonensis, Pink Pearl. Glistening white, with rosy pink margin to petals..... 25
Garraway's Hybrids. A magnificent strain for greenhouse and conservatory decoration, embracing a wide range of beautiful colors..... 25

Smilax

A popular greenhouse climber with small, dark green foliage of great value for floral decoration. 8 to 10 feet. Pkt. 10 cts., 1/4 oz. 20c.

Mammoth-flowering Beauty Stocks

Particularly adapted for the greenhouse, to provide cut-flowers during the winter.

Abundance. Carmine-rose.	Monte Carlo. Canary-yellow.
Beauty of Nice. Delicate flesh-pink.	Queen Alexandra. Soft rosy lilac.
Bright Violet. Violet-blue.	Deep Lilac.
Crimson King. Brilliant crimson.	White Lady. Snow-white; very double.
Empress Elizabeth. Bright carmine.	

Pkt. 15 cts.

Sweet Peas, Early Long-flowering Spencer

These varieties, if sown early in fall under glass, will bloom by Christmas and continue all winter.

Price, any of the following, pkt. 15 cts. 1/2 oz. 60 cts., oz. \$1

Aviator. Rich live crimson-scarlet.
Bluebird. A splendid rich, deep blue.
Christmas Carol. Salmon-cream-pink. Extra-large flower.
Glitters. The standard is bright fiery orange, and the wings are deep orange.
Heather Bell. The color is a rich but pleasing mauve, but after standing in water becomes a beautiful mauve-lavender.
Lavender King. Rich, true, deep lavender throughout.
Mrs. A. A. Skach. Shell-pink; beautifully waved.
Pink and White, Early. Giant pink and white.
Rose Queen. A beautiful shade of rose-pink.
Snow Flake. Pure white. The blossoms are very large and of the best waved Spencer form.
Yarrowa. Bright rose-pink; wings light pink; large and free bloomer.
Zvolanek's Rose. Bright rose-pink.



Snowflake Sweet Peas



WATERER'S HARDY PERENNIAL PLANTS

The Hardy Perennials supply us with some of the most beautiful and interesting plants available for outdoor culture. By judicious selection from their almost endless variety, a continuous succession of bloom may be obtained from spring until frost, with wonderful range of color. Plants will be found suitable for massing, for bedding, and for borders, also for cutting and rock-garden work.

Let us help you make your gardens and borders reach the perfection of which you dream, for next year. Plant our strong field-grown clumps this fall.

Achillea

Ptarmica, Boule de Neige. 1 to 1½ ft. This and the following variety are among the most valuable hardy plants for cutting. If they are cut back hard after the first flowers are past, a second crop will be produced in early fall. Small double white flowers in sprays. June-September.

Tomentosa. 6 in. A dwarf rock-plant, bearing heads of bright yellow flowers. June. 25 cts. each; \$2.50 per doz.; \$15 per 100

Ajuga

Genevensis. 6 in. Short spikes of intense blue flowers. A good rock plant. June. 25 cts. each; \$2.50 per doz.

Alyssum

Argenteum (Rock Plant). 1 ft. Large, flat heads of golden yellow flowers borne on wiry stems. May, June.

Saxatile compactum (Rock Plant). 1 ft. One of the most popular of spring-flowering plants. Masses of yellow flowers in April and May.

25 cts. each; \$2.50 per doz.; \$15 per 100

Anchusa

Italica, Opal. 4 ft. Tall spikes of pale blue flowers, resembling giant forget-me-nots. June, July.

Italica, Dropmore. Rich gentian-blue. 25 cts. each; \$2.50 per doz.; \$15 per 100

Anemone

Pulsatilla. Large, cup-shaped bluish flowers, covered on the outside with silky hairs, are borne singly on stems 1 foot high in April and May. Fine for rock-work. 30 cts. each; \$3 per doz.

Anthemis

Tinctoria Kelwayi. 2 ft. Bright yellow Marguerite-like flowers in great profusion. June-September. 25 cts. each; \$2.50 per doz.; \$15 per 100.

Aquilegia • Columbine

Mrs. Scott Elliott's Strain. 2 to 3 ft. This is probably the best strain of Long-spurred Hybrids. The flowers are of rich and varied colors. May, June. 30 cts. each; \$2.50 per doz.; \$18 per 100.

Arabis • Rockcress

Alpina. 9 in. A useful, early-flowering plant with pure white flowers, suitable for rock-garden, border, or for spring bedding. April, May. 25 cts. each; \$2.50 per doz.; \$15 per 100.

Alpina fl.-pl. A double-flowered form of the above. 35 cts. each; \$3.50 per doz.



Mrs. Scott Elliott's Columbines

Armeria • Thrift; Sea Pink

Attractive dwarf plants that will succeed in any soil, forming evergreen tufts of bright green foliage from which innumerable flowers appear in dense heads, on stiff wiry stems. Very useful in the rockery as well as in the border.

Cephalotes (Giant Thrift). 1 ft. Strong tufts of foliage and heads of silvery pink flowers borne on stout stems. May-July. 25 cts. each; \$2.50 per doz.; \$15 per 100.

Artemisia

Lactiflora. 5 to 6 ft. Fragrant spirea-like plumes of creamy white flowers are borne on stout erect stems from August to October. 25 cts. each; \$2.50 per doz.; \$15 per 100.

Asclepias • Butterfly Silk Weed

Tuberosa. 2½ ft. Bright orange-red flowers, borne in clusters on strong stems. July-September. 25 cts. each; \$2.50 per doz.; \$15 per 100.

Asters, Hardy

Michaelmas Daisy; Starwort

As a plant of general usefulness, the Aster stands unrivaled. The great variety in color, size of flower, time of flowering and height, combined with the simple cultural requirements necessary make it one of the most desirable of hardy plants. Many of the varieties are excellent for cutting. The finest flowers and strongest spikes are obtained if the plants are divided annually.

Bluebeard. 4 ft. Very large, heliotrope flowers on strong, erect stems. September, October.

Blue Gem. 3 ft. Bright blue flowers with three or four rows of petals. Probably the best blue Aster. August, September.

Climax. 5 ft. Large, pale mauve flowers, with yellow centers, on long, slender stems. September, October.



Gorgeous Hardy Lilies for August Bloom

Lilies have always been popular, but their popularity has greatly increased during the past three or four years. Rich and varied in color, stately and handsome in habit, profuse in variety, and of delicious fragrance, they stand out prominently from all other hardy plants, and no herbaceous border, however select, should be without a few of the best sorts. We believe that for general garden purposes the three varieties here pictured will meet all requirements.

Only these three varieties can be supplied in collection. See page 12 for other Lilies

Lilium speciosum album	Lilium speciosum melpomene	Lilium auratum
2 Mammoth Size bulbs of each.....\$2 75	2 Monster Size bulbs of each.....\$3 50	
4 Mammoth Size bulbs of each.....5 00	4 Monster Size bulbs of each.....6 50	



Digitalis or Foxgloves



Aquilegia or Columbine

A Quartet of Hardy Perennials for the Every-Day Garden

The four perennials pictured on this page will make a spot of color attractive to the eye and furnish a considerable amount of bloom for decorations. All bloom freely, are not subject to diseases, and should increase from season to season, thus becoming more valuable as time goes on.

Aquilegia, or Columbine. An old-fashioned perennial that has been greatly improved during the past dozen years. The short old spurs have been increased to a length of almost 2 inches.

Digitalis or Foxglove. Bell-shaped flowers, varying from white to deep purple and from soft pink to deep pink. The tall spikes of bloom are prominent points in the garden.

Platycodon or Balloon-flower. Deep blue, bell-shaped flowers from mid-June to October. One would not think of cutting a single flower, but would rather snip a whole cluster.

Pyrethrum. Possibly no plant surpasses the Pyrethrums in freedom of bloom. You may cut, and cut again, and still have flowers from late spring to midsummer.

Three plants of each of the 4 perennials here pictured for \$2.25



Platycodon or Balloon-Flower



Pyrethrum

Asters, continued

Louvain. 3 ft. Symmetrical bush-like habit. The foliage is completely hidden by masses of medium-sized delicate pink flowers. September.

Perry's White. 4 ft. A very free-flowering variety of graceful habit. The flowers are large and of good substance. Excellent for cutting. September, October.

St. Egwin. 2½ ft. This variety forms a compact bush, and during September is entirely covered with large, clear pink flowers. One of the best Asters in cultivation.

30 cts. each; \$3 per doz.

Aster, Dwarf Alpine

Alpinus. 9 in. Large, bluish purple flowers. Fine rock-plant. June.

Alpinus albus. A white variety of above. 25 cts. each; \$2.50 per doz.; \$15 per 100

Aubrietia

Rainbow Rock Cress

Pretty, dwarf-growing plants suitable for the rocky or for the edge of the border. They form masses of silvery green foliage and sheets of vari-colored flowers in spring and early summer. Choice mixed varieties. 25 cts. each; \$2.50 per doz.; \$18 per 100.

Bocconia

Cordata. 6 to 8 ft. A tall-growing, stately plant with handsome, gray, glaucous foliage bearing panicles of creamy white flowers. July, August. 25 cts. each; \$2.50 per doz.

Boltonia · False Chamomile

A showy native hardy perennial plant with large, single aster-like flowers; in bloom during the summer and autumn months, and with its thousands of flowers open at one time produces a very showy effect.

Asteroides. Pure white; very effective. 5 to 7 feet.

Latisquama. Pink, slightly tinged with lavender. 4 to 6 feet.

25 cts. each; \$2.50 per doz.; \$15 per 100



Delphinium (Hardy Larkspur)

Campanula

Bellflower; Harebell

One of the most beautiful and important families of hardy plants. Having a very wide geographical distribution, its members are varied in character and are adapted for rock-garden, border, and woodland.

Carpatica. 1 ft. Suitable for rock-garden or border. Large, blue, cup-shaped flowers during July and August.

Carpatica alba. A white variety of the preceding.

Medium (Canterbury Bells). Blue, pink, white, separate colors.

Medium calycanthema (Cup-and-Saucer). Mixed colors.

Persicifolia. 2½ ft. Slender, erect stems studded with blue, cup-shaped flowers in June and July.

Persicifolia alba. A white variety of the above.

Any of the above, 25 cts. each; \$2.50 per doz.; \$15 per 100

Centaurea

Dealbata. 2 ft. Handsome, deeply cut foliage, white on the under side; rose-pink flowers. July-September.

Macrocephala. 4 to 5 ft. A stately plant of robust habit, bearing large, globular heads of golden yellow flowers. July, August.

Montana. 1½ ft. Woolly foliage and bright blue flowers. June, July.

Montana alba. A white variety of the preceding.

25 cts. each; \$2.50 per doz.; \$15 per 100

Cerastium

Tomentosum. Forms a carpet of silvery foliage, covered in May and June with pure white flowers. 25 cts. each; \$2.50 per doz.; \$15 per 100.

Hardy Chrysanthemum

Maximum (Shasta Daisy). 2 ft. A useful flower for cutting. The large, white, daisy-like blooms are produced over a long period. June-September. 25 cts. each; \$2.50 per doz.

Coreopsis

Grandiflora. 2½ ft. One of the best hardy plants for cutting. The bright yellow flowers are borne on long, graceful stems throughout the summer. 25 cts. each; \$2.50 per doz.; \$15 per 100.

Delphinium · Hardy Larkspur

The tall, stately flower-spikes of the Delphinium rise to a height of 4 to 5 feet and supply the garden with a wealth of azure-blue, gentian-blue, and royal purple hues. They are effective in all situations and demand rich, deeply cultivated soil and considerable moisture. If flower-spikes are cut when through blooming, others will replace them.

Belladonna. 2½ to 3 ft. An invaluable variety for cutting; sky-blue flowers in great profusion from June until frost.

Bellamosa. 3 to 4 ft. A true hybrid of Belladonna and Formosum, surpassing both parents. Color is dark blue. It is not subject to mildew.

Formosum. 4 ft. A robust-growing Larkspur having dark blue flowers with white centers. June-September.

Grandiflorum (chinense). 1½ to 2 ft. Gentian-blue flowers and finely divided foliage. June-October.

Grandiflorum album. A white variety of the above.

Mixed Hybrids. This mixture can be relied on to produce a large percentage of extremely good individuals, and is much superior to the ordinary mixed strain.

25 cts. each; \$2.50 per doz.; \$15 per 100



Canterbury Bells (*Campanula Medium*)

Dianthus · Pinks

Alpinus. A lovely dwarf alpine with large, deep pink flowers borne close down to the foliage, which they entirely hide. 50 cts. each; \$5 per doz.

Arenarius. A desirable rock-plant of compact, tufted habit. During May and June the foliage is entirely hidden by masses of deeply fringed, fragrant, white flowers borne on 6-inch stems.

Deltoides (Maiden Pink). A trailing rock plant; fine for border edging. June, July.

Deltoides albus. A white variety of the foregoing.

Deltoides, Brilliant. Vivid crimson.

Miss Gladys Cranfield. A new variety of exceptional merit. It is of compact growth and bears large, flat, rosy lilac flowers with velvety maroon centers on stems about 1 foot high. The plants we offer are not seedlings, but the true stock. 35 cts. each; \$3.50 per doz.

Plumarius. 1 ft. A first-rate mixture, with beautifully frilled flowers. June, July.

25 cts. each; \$2.50 per doz.; \$15 per 100, unless otherwise noted

Dielytra · Dicentra

Spectabilis (Bleeding-Heart; Seal Flower).

An old-fashioned favorite. Its long racemes of graceful, heart-shaped, pink flowers are always attractive. It is used largely for forcing, and is perfectly at home in any part of the hardy border; especially valuable for planting in the shade. Strong clumps, 50 cts. each; \$5 per doz.

Formosa (Plumy Bleeding-Heart). A dwarf-growing species, with finely cut ornamental foliage, growing about 15 inches high and producing its showy pink flowers from April till August. 35 cts. each; \$3.50 per doz.



Gaillardia grandiflora

Digitalis • Foxglove

One of the showiest and most attractive of old-fashioned favorites whose popularity is continually increasing.

Gloxiniæflora. Pink, Purple, White, separate. 25 cts. each; \$2.50 per doz.

The Shirley. A new strain raised by the late Rev. W. Wilks, the originator of the well-known Shirley Poppies. The flowers are of enormous size and vary in color from pure white to deepest rose. 35 cts. each; \$3.50 per doz.

Eryngium • Sea Holly

Planum. 2½ ft. Small blue flower-heads and steely blue stems. Good for cutting and drying. July, August. 25 cts. each; \$2.50 per doz.; \$15 per 100.

Eupatorium

Cœlestinum. 1½ to 2 ft. Very free-flowering and valuable for cutting. Masses of blue, ageratum-like flowers from August to October.

Fraseri. Feathery white flowers. July-September.

25 cts. each; \$2.50 per doz.; \$15 per 100

Euphorbia • Spurge

Corollata. 1½ to 2 ft. The value of this plant for cutting is not fully appreciated. It is well adapted for shipping, and its small, pure white flowers take the place of *Gypsophila paniculata* when that is past. Best results are obtained by allowing it to remain undisturbed for several years. August, September. 25 cts. each; \$2.50 per doz.

Gaillardia

Grandiflora. 2 ft. Ranges in color from old-gold to crimson. This plant is unrivaled for furnishing a continuous supply of cut-flowers. June-October. 25 cts. each; \$2.50 per doz.; \$15 per 100.

Geum

Chiloense, Lady Stratheden. 2 ft. A new variety similar in habit and growth to the well-known Mrs. Bradshaw. It bears large, old-gold, double flowers. May, June.

Chiloense, Mrs. Bradshaw. 2 ft. One of the most striking of hardy plants. Slender, branching stems are produced from tufts of evergreen foliage and bear large, rich scarlet, double flowers in great profusion. A good plant for cutting. May, June.

30 cts. each; \$3 per doz.; \$18 per 100

Gypsophila

Paniculata. 2½ ft. Cloud-like masses of small white flowers. One of the most popular and useful plants for cutting. July.

Repens. A dwarf trailer, excellent for cascading down the slopes of the rock-garden. Masses of small white flowers. June, July. 25 cts. each; \$2.50 per doz.; \$18 per 100

Helenium

Strong-growing plants, valuable for producing late summer and fall effects in woodland or herbaceous border. Also useful as a cut-flower.

Autumnale, Riverton Beauty. 4 ft. Clear yellow flowers with black centers. August, September.

Autumnale, Riverton Gem. 4 ft. Rich mahogany-red flowers. August, September.

Autumnale superbum. 4 ft. Yellow. August, September.

25 cts. each; \$2.50 per doz.; \$15 per 100

Helianthemum**Rock or Sun Rose**

Dwarf evergreen shrubs of spreading habit, which for freedom of flowering and brilliancy of coloring are equaled by few and excelled by no other family of plants. Delighting in full sun, they will thrive on a hot sunny bank where few other plants will exist. Massed on the rock-garden or front of herbaceous border, they are the most gorgeous sight in the garden during June. These plants deserve the close attention of all who are interested in rock-gardening.

Choice Mixed Varieties, 35 cts. each; \$3.50 per doz.

Heliopsis • Orange Sunflower

Pitcheriana. 3 ft. Golden yellow flowers all summer. Similar in general habit to *Helianthus*, but commences to flower earlier in the season (July and August), of dwarf habit, rarely exceeding 3 feet in height; very valuable for cutting. 25 cts. each; \$2.50 per doz.; \$15 per 100.

Hollyhocks

These stately, majestic, hardy plants, from 6 to 8 feet high, are a necessary part of every old-fashioned garden, and should also find a place interspersed with shrubbery, as clumps on the lawn, or in the mixed border, where their colossal spikes of bloom produce bold and showy effects, which cannot be secured with any other flowering plant.

Double. Mixed colors only.

Single. Many prefer the single-flowering Hollyhocks. They are usually of freer growth than the doubles, and present a very handsome appearance when covered with their artistic blossoms. We can supply them in mixed colors only.

30 cts. each; \$3 per doz.; \$18 per 100

Hibiscus

Mallow Marvel. Pink, Red, White, Crimson Eye, Mixed. 25 cts. each; \$2.50 per doz.; \$15 per 100.

Iberis, Hardy • Candytuft

Sempervirens. 9 in. An invaluable spring-flowering plant of dwarf and compact habit, bearing masses of snow-white flowers in large trusses. April, May. 25 cts. each; \$2.50 per doz.; \$15 per 100.

Fine Iris Germanica

Their beauty outrivals that of the orchids in their delicacy of structure and wide range of colors. No garden is complete without them, and a very delightful garden can be made with nothing but them, as they are especially adapted for flower borders, shrubberies, woodland walks, and for sur-

IRIS GERMANICA, continued

rounding lakes and ponds, if planted well above the water-level.

S. means standards or upper petals; F. means falls or lower petals

Afterglow. (Sturtevant, 1917.) 3 to 4 ft. Misty lavender, lit with yellow at the center. 50 cts. each; \$5 per doz.

Ambassadeur. (Vilmorin, 1920.) 4 ft. S. dull purplish bronze; F. velvety maroon; beards and styles yellow. \$1.50 each.

Azure. (Bliss, 1918.) S. lavender-blue; F. rich violet-blue. A pure, deep, and intense color. \$1 each; \$10 per doz.

Celeste. (Lemon, 1855-58.) 2½ ft. S. and F. pale azure-blue. 25c. each; \$2.25 per doz.

Dorothea K. Williamson. 2½ ft. Large flowers of velvety dark madder-violet—wonderful color. \$1 each; \$10 per doz.

Her Majesty. (Perry, 1903.) S. rose-pink; F. bright crimson, shaded darker. 25 cts. each; \$2.25 per doz.

Juniata. (Farr, 1909.) S. and F. beautiful clear deep blue. One of the tallest Bearded Irises known. Large, fragrant flowers. 35 cts. each; \$3.50 per doz.

Kharput. 2½ ft. S. violet; F. deep purple-violet, very long; beard white. Very large flower. 25 cts. each; \$2.25 per doz.

Lord of June. (Yeld, 1911.) 40 in. S. lavender-blue; F. rich violet-blue; fine fragrance. \$1 each; \$10 per doz.

Monsignor. (Vilmorin, 1907.) 2 ft. S. pale violet; F. heavily overlaid with dusky violet. 25 cts. each; \$2.25 per doz.

Mrs. Horace Darwin. (Foster, 1893.) 2 ft. S. white, F. slightly reticulated violet. 25 cts. each; \$2.25 per doz.

Pallida Dalmatica. Clear deep lavender. 3½ ft. Very large and most prolific; unequalled for massing or cut-flowers. 35 cts. each; \$3.25 per doz.

Pallida Speciosa. S. dark lavender with lighter shadings; F. lavender, shaded light purple. 25 cts. each; \$2.25 per doz.

Queen of May. Soft rose-lilac—a decided pink effect. Very popular. 25 cts. each; \$2.25 per doz.

Rhein Nixe. (Goos & Koenemann, 1910.) 3 ft. S. white; F. violet-blue with white edge. Tall and large. Robust grower. 35 cts. each; \$3.25 per doz.

Souv. de Mme. Gaudichau. (Millet, 1914.) 40 in. A brilliant velvety black-purple. Very beautiful and outstanding. Strong grower. \$2 each.

German Iris (*Iris germanica*)

Iris, Japanese

Kaempferi. The most showy and gorgeous of the Iris family. The stately flowers are often 10 inches in diameter, and are produced freely in July. They require rich, moist soil.

Mixed varieties. 25 cts. each; \$2.50 per doz.; \$18 per 100.

Linum · Flax

Perenne. 2 ft. A continuous succession of clouds of sapphire-blue flowers throughout summer.

Perenne album. A white variety of the above.

25 cts. each; \$2.50 per doz.; \$15 per 100

Lupinus · Lupine

Polyphyllus. 3 to 4 ft. Strong spikes of deep blue, pea-shaped flowers. June, July.

Polyphyllus albus. A white variety of the above.

Polyphyllus roseus. Pink form of the above.

35 cts. each; \$3.50 per doz.

Lychnis

Alpina. 6 in. Compact cushions of rich green leaves, studded in April and May with heads of pink flowers. 25 cts. each; \$2.50 per doz.; \$15 per 100.

Oenothera

Missouriensis. A fine trailing plant with very large, pale yellow flowers, 5 to 6 inches in diameter. One of the best perennials for rock-garden or border. June-August. 30 cts. each; \$3 per doz.; \$18 per 100.

Papaver

Nudicaule (Iceland Poppy). 1 ft. Yellow, orange and white flowers. May-August. 25 cts. each; \$2.50 per doz.

Orientele, Mrs. Perry. 3 ft. Medium-sized flowers of a pleasing pink. May, June. 35 cts. each; \$3.50 per doz.

Oriental Red. Large, brilliant red. 35 cts. each; \$3.50 per doz.

Pentstemon

Barbatus Torreyi. 4 ft. Graceful, tapering stems, covered with large, tubular, scarlet flowers. June-August.

Digitalis. 2 to 3 ft. White, tubular flowers with purple throat. Good for cutting. June, July.

25 cts. each; \$2.50 per doz.; \$18 per 100

Peonies

Peonies are delightful companions for irises; their dense foliage alone makes a charming background and their wonderful abundance of gorgeous and gay-colored flowers blend so beautifully with the colors in the irises that each enhances the beauty of the other.

Both are so hardy, so easy to grow, so sure to bloom, so ready to respond eagerly to any little care and attention, that a lover of one must necessarily have or develop a fondness for the other.

Albert Crousse. (Crousse, 1893.) Bomb type. Large, well-formed flowers of soft shell-pink with faint salmon tints. Vigorous grower with tall, erect stems. Very fine as a cut-flower. Late. 75 cts. each.

Couronne d'Or. (Calot, 1873.) Semi-rose type. Immense, full flowers, pure white with a ring of yellow stamens around a tuft of center petals tipped carmine, gaining the title of "Crown of Gold." 75 cts. each.

Edulis Superba. (Lemon, 1824.) Crown type. Beautiful bright clear mauve-pink with silvery reflex. Decoration Day Peony. Very early. 75 cts. each.



Border of Peonies and Irises

Peonies, continued

Felix Crousse. (Crousse, 1881.) Rose type. Rich, dazzling ruby-red without a tinge of purple. None better. Late midseason. 75 cts. each.

Festiva Maxima. (Mieliez, 1851.) Rose type. The finest white in existence. Pure white with clear carmine spot on edge of center petal. Early. 50 cts. each.

Germaine Bigot. (Dessert, 1902.) Crown type. Very large, compact flower, composed of broad petals. Color lilac-rose, center prominently flecked crimson. Strong, erect grower with medium tall stems. Very free blooming. Midseason. \$1.25 each.

Lady Alexandra Duff. (Kelway, 1902.) An immense, cup-shaped flower of rose type, with wide imbricated petals. The color of the outer petals is delicate blush-pink rapidly fading to lovely French white. Central flower of rather flattened circular form and the central petals have a touch of carmine. Lateral buds come in semi-double, water-lily-like flowers, exposing the anthers. Showy, fragrant, and very prolific. Robust, strong grower, thriving in all sections. \$6 each.

La Tendresse. (Crousse, 1896.) Rose type. Very full large flowers borne in clusters. Color milk-white, sometimes splashed with carmine. Tall, strong grower; free bloomer; fragrant. Midseason. 75 cts. each.

Louis Van Houtte. (Calot, 1867.) Medium size, semi-rose type. Deep carmine-rose, tipped silver, with fiery reflex—very brilliant coloring. Fragrant. Medium height and habit. Late. 50 cts. each.

Mme. Emile Lemoine. (Lemoine, 1899.) Semi-rose type. Large, globular, compact flower. Glossy white, overlaid with a sheen of tender satiny pink covered with minute lilac dots. Very beautiful. \$1 ea.

Mme. Jules Dessert. (Dessert, 1909.) Rose type. Creamy white overlaid with a pronounced pink, center intermixed with golden stamens. Very large, with broad, delicate petals of translucent texture. A charming variety and should be in every collection. \$5 each.

Marquis C. Lagergren. (Dessert, 1911.) Semi-rose type. Large; bright velvety crimson. One of the finest reds ever produced. \$2 each.

Pierre Reingoux. (Dessert, 1908.) Semi-rose type. An even shade of Tyrian rose, center flecked crimson, with imbricated petals. Dwarf, erect habit. Early midseason. \$1 each.

Pomponette. (Dessert, 1909.) Anemone type. Velvety pink, shaded purple, with brilliant reflex and silver-tipped border. Dwarf, erect growth. Very full flowers of good form. Midseason. \$1 each.

Rachel. (Lemoine, 1904.) Rose type. Lively soft pink, darker when just opening. Rather dwarf with strong stems. Very attractive and scarce. \$5 each.

Reine Hortense (President Taft). (Calot, 1857.) Rose type. Enormous, compact flat flower of soft flesh color, deepening to shell-pink; center showing crimson splashes, sometimes faint stripes on the face of the petals. Well formed and very striking. Deliciously fragrant. A vigorous grower and profuse bloomer. Fine for cut-flowers and usually in bloom just about Decoration Day. Midseason. \$2 each.

Sarah Bernhardt. (Lemoine, 1906.) Semi-rose type. Very large flower of perfect form, full and double, with twisted imbricated petals. Color apple-blossom-pink with each petal silver-tipped. Strong grower, free bloomer, and very fragrant. One of the finest and most dependable Peonies ever produced, attracting attention in every garden. Late midseason. \$2 each.

Solange. (Lemoine, 1907.) Rose type. A very large, full, compact flower of indescribable beauty. Color rare, deep orange-salmon at the heart, overlaid with delicate tender reddish brown—a most unique color combination. The plant is a strong, robust grower and very abundant bloomer. Considered as one of the most unusual and charming Peonies ever produced. Midseason. \$6 each.

Suzette. (Dessert, 1911.) Semi-rose type. Bengal-rose, lightly shaded carmine-purple, with silvery reflex. Strong stems. Rare. Midseason. \$1 each.

Single Peony

Mistral. (Dessert, 1902.) Carmine, yellow center. 75 cts. each.

Japanese Variety

Ruigegno. Dark velvety maroon, with brilliant yellow petaloids. Very striking and unusually large. \$5 each.

Physalis

Francheti (Winter Cherry). 2 ft. Bright orange bladder-like calyces enclosing a cherry-like fruit. Valuable for drying for winter decoration. October. 25 cts. each; \$2.50 per doz.; \$18 per 100.

Physostegia

Virginica. 3 ft. Long, slender spikes, closely covered with pinkish mauve, tubular flowers. July, August.

Virginica alba. White form of above. 25 cts. each; \$2.50 per doz.; \$15 per 100



Hardy Phlox

Phlox

One of the most important families of hardy perennials and should be well represented in every collection. They are best suited by a deep, well-manured soil and abundance of moisture.

- Albion.** 2½ ft. White with faint red eye.
Antonin Mercier. 2 ft. Soft lilac-blue, with white center.
Bacchante. 2 ft. Fiery pink with crimson eye.
Baron van Dedem. 2 ft. Glowing crimson.
Bridesmaid. 2½ ft. White with rose-crimson eye.
B. Comte. 1½ ft. Brilliant French purple.
Gefion. 2 ft. Soft pink with bright rose eye.
Gruppenkonigin. 2 ft. Flesh-pink with carmine eye.
La Vague. 2 ft. Rosy pink.
Mrs. Jenkins. 2½ ft. White; large trusses.
Rosenberg. 2 ft. Carmine-violet with reddish eye.
Rijnstroom. 2½ ft. Rose-pink; very large individual flowers.
R. P. Struthers. 2 ft. Bright rosy red with crimson eye.
Thor. 2 ft. Very large trusses of dazzling pink flowers.
Suffruticosa, Miss Lingard. 2½ ft. Good for cutting; pyramidal trusses of white flowers with faint lilac eyes. June-Sept.
 25 cts. each; \$2.50 per doz.; \$15 per 100

Dwarf Varieties

- Amœna.** Compact tufts of glossy green foliage and masses of vivid pink flowers in April and May.
Carolina. 1 ft. Numerous slender stems, terminating in a cluster of deep rose. May.
Divaricata. 9 in. Trusses of large, fragrant, lavender flowers. May.
Subulata alba (Moss Pink). 6 in. Moss-like foliage covered in April and May with sheets of white flowers.
Subulata, G. F. Wilson. One of the best and most floriferous of spring-flowering plants. Mats of glossy foliage completely hidden by sheets of starry, lavender flowers in April and May.
Subulata lilacina. A lilac variety.
Subulata rosea. A pink variety.
 25 cts. each; \$2.50 per doz.; \$15 per 100

Polemonium

- Reptans.** 9 in. An attractive early spring-flowering plant bearing sprays of blue flowers on short stems. April, May.
 25 cts. each; \$3 per doz.; \$15 per 100.

Pink, Hardy

A highly popular group of old-fashioned garden plants, esteemed for their extreme floriferousness and delicious fragrance. They grow 12 to 15 inches high and bloom in May and June.

- Excelsior.** Delicate rose-pink.
Her Majesty. Pure white; large flowers.
Homer. Deep rose with darker center.
Juliette. White, laced crimson.
Lord Lyon. Deep rose.
White Reserve. Pure white.
 25 cts. each; \$2.50 per doz.; \$15 per 100

Platycodon • Balloon Flower

- Grandiflorum.** 2 ft. Blue, bell-shaped flowers, borne on slender stems. June-October.
Grandiflorum album. A white variety of the above.
 25 cts. each; \$2.50 per doz.; \$15 per 100

Plumbago

- Larpenæ (Leadwort).** 1 ft. Forms compact tufts of innumerable wiry stems, each one terminating in a dense truss of cobalt-blue flowers. August-October. 30 cts. each; \$3 per doz.; \$18 per 100.

Pyrethrum

- Roseum.** 2 ft. Daisy-like flowers varying in color from white to crimson. Useful for cutting. June. 25 cts. each; \$2.50 per doz.; \$15 per 100.

Rudbeckia

- Golden Glow.** 6 ft. Double, deep yellow flowers. July-September. 25 cts. each; \$2.50 per doz.; \$15 per 100.

Salvia • Meadow Sage

- Azurea grandiflora.** 4 to 5 ft. Tall, straight stems, covered for half their length with sky-blue flowers. August-October.
Virgata. 2 ft. Branching spikes of violet-blue flowers in a continuous succession from June until frost. Should be freely used in all herbaceous plantings.
 30 cts. each; \$2.50 per doz.; \$18 per 100

Scabiosa

Handsome border plants, succeeding in any ordinary well-drained soil in a sunny location, and should be grown in every garden where cut-flowers are wanted. They last a long time when picked and placed in water.

- Caucasica.** 2½ ft. One of the finest hardy plants, bearing throughout summer a succession of large, soft lilac flowers on long stems.
Caucasica alba. A white variety of the above.
 30 cts. each; \$3 per doz.; \$18 per 100

Sedum • Stonecrop

Dwarf Sorts

- Suitable for the rockery, carpet-bedding, covering of graves, etc.
Acre. Quickly forms a thick carpet of vivid green, moss-like foliage, hidden by yellow flowers in May.
Album. 6 in. Small, succulent leaves which turn reddish bronze in fall. Trusses of white flowers in June and July. An excellent edging plant.
Hispanicum. 3 in. A minute plant forming spreading tufts of gray foliage becoming bronze in fall.
Spectabile. 1½ ft. Erect, sturdy habit, with broad, glaucous leaves. The flowers, borne in large, flat heads, are rosy purple in color, and retain their beauty for two months. August, September.
Spectabile, Brilliant. A deeper-colored variety than the preceding, being a vivid amaranth-red.
 25 cts. each; \$2.50 per doz.; \$18 per 100

Stokesia

- Cyanea.** 1½ ft. A showy plant with large blue flowers on somewhat straggling stems. August-October.
Cyanea alba. A white form of the preceding.
 25 cts. each; \$2.50 per doz.; \$15 per 100

Statice

- Latifolia (Sea Lavender).** 1½ to 2 ft. Branching flower-stems bearing countless small, blue-purple flowers which retain their color long after being cut and dried. Very good for cutting. August, September. 25 cts. each; \$2.50 per doz.; \$15 per 100.

Sweet William (*Dianthus barbatus*)

- A well-known, free-flowering hardy perennial, bearing heads of fragrant, richly colored flowers.
Pink Beauty (Newport Pink). A beautiful shade of salmon-pink; very large heads on long stems.
Scarlet Beauty. Large heads of an intense scarlet color; very striking.
Holborn Glory. Giant-flowering varieties in finest assortment of colors.
Single White.
 25 cts. each; \$2.50 per doz.; \$15 per 100

Tritoma

- Pfitzeri (Torch Lily).** 2 to 3 ft. A very distinct and handsome late-flowering perennial with tufts of grass-like foliage and thick fleshy stems covered with orange-scarlet, tubular flowers. September, October. 30 cts. each; \$3 per doz.; \$18 per 100.

Veronica

- Incana.** 1 ft. Compact masses of silvery gray foliage and deep blue flowers. May, June.
Repens. 3 in. Carpet of evergreen foliage entirely covered in spring with very pale blue flowers.
Rupestris. 6 in. A prostrate trailer forming a thick green carpet which is almost hidden in May and June by myriads of clusters of deep blue flowers.
Spicata. 2 ft. Spikes of blue flowers. June-August.
 25 cts. each; \$2.50 per doz.; \$15 per 100

Viola

- Pedata (Bird's-Foot Violet).** 6 in. Tufts of finely divided leaves and lilac-blue flowers. April, May. 20 cts. each; \$1.75 per doz.; \$13 per 100.
Jersey Gem. One of the best hardy plants of recent introduction, and one that cannot be too highly praised. It possesses every good quality that a plant should have, and, as far as we know, no bad ones. Blooms freely and continuously from spring until frost, and the flowers, royal purple in color, are not affected by the sun. Its foliage is a rich, healthy green, and its habit of growth is neat and compact. In the garden it can be used for edging or massing in beds. 50 cts. each; \$5 per doz.; \$35 per 100.



Platycodon

WATERER'S DECIDUOUS FLOWERING SHRUBS

Whether planted individually or collectively, shrubs are an important feature in the adornment of any grounds. In such locations where they can be used as specimens, and thus allowed space for symmetrical development, their grace and beauty appear to perfection. Along borders of the lawn, on banks and slopes, along walks and drives and in corners, collections of shrubs may be gathered that will give a succession of bloom from the opening of spring until autumn.

The rich green of the summer foliage plays a greater part in landscape effect than is often realized. The autumn color which the leaves of many varieties assume sets the lawn ablaze at that season. The brilliant berries of some sorts tempt the birds to linger, and, together with the bright bark of such shrubs as some of the Dogwoods, give a tone of color even to the gray landscape of winter.

The late autumn is the ideal time to plant shrubs. The plants can usually be dug any time after the middle of October, and set out from then until the ground is frozen, which rarely happens before December in this latitude. When planted in fall they get the benefit of the early spring months in which to make roots and become established before hot weather sets in.

Althæa • Rose of Sharon

Attractive hardy shrubs with large, handsome flowers; extensively cultivated in American gardens, flowering in the late summer months—August to November—when there are but few shrubs in blossom.

Alba plena. Double; white, crimson center.

Duchesse de Brabant. Double; dark red.

Jeanne d'Arc. Double; pure white.

Lady Stanley. Double; blush-white, with crimson center.

Totus albus. Single; pure white.

Any of the above 75 cts. each; \$7.50 per doz.

Amygdalus

Flowering Almond

Hardy, free-flowering shrubs with graceful foliage and showy flowers in early spring. They are splendid garden subjects, thriving in almost any well-drained soil.

Japonica nana. Double; soft pink flowers.

Japonica nana alba. White form of above.

Either variety, 2 to 3 ft., \$1 each

Berberis • Barberry

Thunbergi (Thunberg's Japanese Barberry). An iron-clad shrub, native of Japan, of low dense habit and having thorny branches. The bright green leaves, in autumn, assume dazzling tones of orange, scarlet, and crimson. Its brilliant red berries, borne in great profusion, persist throughout the winter, and, together with the brilliant foliage, make this shrub invaluable in any planting. It thrives in almost any soil. 1½ to 2 ft., hedge plants, \$3.75 per doz.; \$27 per 100.

Thunbergi atropurpurea (New Red-leaved Japanese Barberry). This is, unquestionably, the most valuable ornamental shrub that has been offered in many years. In habit of growth and in fruiting it is identical with the popular Japanese Barberry, but its foliage, as soon as it develops in early spring, assumes a rich bronzy red color, just a trifle deeper than the color of the red Japanese Maple, and it not only retains this rich coloring from early spring until fall, but, unlike other red-leaved shrubs, this coloring becomes more intense and richer during the hot summer months. Late in the autumn it takes on the varied brilliant high colors of the ordinary Japanese Barberry but in an intensified form, followed by the same brilliant scarlet berries common to the type and which remain on the plant the entire winter.

	Each	Doz.	100
1-year-old plants.....	\$0 75	\$7 50	\$50 00
2-year-old plants.....	1 00	10 00	75 00
3-year-old plants.....	2 50	25 00	175 00

Calycanthus • Sweet Shrub

Old-fashioned shrubs of upright habit. Thrive in open or shaded places in a good, moist, loamy soil.

Floridus (Allspice; Strawberry Shrub). 2 to 3 ft. Chocolate-colored flowers of a peculiar fragrance, hiding themselves among broad, green, lustrous foliage. 75 cts. each.



Berberis Thunbergi atropurpurea. New Red-leaved Japanese Barberry

Cercis

Canadensis (Judas Tree; Red-Bud). A showy tall shrub or small tree. All the branches and twigs are covered with a mass of small rosy pink flowers before the leaves appear. 3 to 4-ft. plants, \$1 each.

Clethra

Alnifolia (Sweet Pepper Bush). Of rather low growth, with dense light green foliage. Covered in July and August with spikes of small, creamy white, delightfully fragrant flowers. Sometimes used for hedging. 75 cts. each.

Cornus

Osier; Dogwood; Cornel

Hardy and vigorous shrubs, thriving best in moist, fertile soil. In addition to the showy flowers and fruits which characterize most of the species, they are very attractive in winter on account of the brilliant color of the bark.

Alba (Siberian Red Osier). Bright, blood-red branches. Flowers creamy white in numerous flat-topped clusters. Fruit light blue. Grows 6 to 10 feet high. 3 to 4-ft. plants, 75 cts. each.

Sanguinea (Red-twigged Dogwood). A strong-growing bush, with crimson-colored branches; attractive in winter. 75 cts. each.

Deutzia

Hardy, vigorous shrubs with showy flowers. Extremely floriferous, ornamental, and of easy culture. Thrives in almost any well-drained soil.

Crenata rosea fl.-pl. (Double Pink-flowering Deutzia). Very showy white flowers with one or two rows of the side petals a rosy purple. 3 to 4 ft., 75 cts. each.

Crenata, Pride of Rochester (Large-flowered Deutzia). Very large, double white flowers. 4 to 5 ft., 75 cts. each.

Forsythia • Golden Bell

Few, if any, of the hardy spring-flowering shrubs can surpass the splendor and brilliancy of the Forsythias. Both grace and beauty are combined in all their attributes to give them rank for any station in the shrub plantation. They thrive in almost any fertile soil.

Fortunei. Strong, erect habit; bright golden yellow flowers in early spring. 75 cts. each.

Suspensa (Weeping Golden Bell). A tall shrub of willowy growth, the branches gracefully arching, covered with golden yellow bells in early spring. 75 cts. each.

Hydrangea

Grand flowering shrubs, admirably adapted for border planting, either as specimen plants or in masses. A moist, fertile soil with full or partial sun is best adapted to their requirements.

Arborescens grandiflora (Snowball Hydrangea). This new variety is one of the finest American shrubs. It is a vigorous grower with pure white flowers. Thrives best in a moist location. Large plants, 75 cts. each.

Paniculata grandiflora (Large-flowered Hydrangea). Undoubtedly one of the most popular and showy shrubs in cultivation. Flowers creamy white when fully developed, soon assuming tones of rose and bronze on the exposed sides. This shrub requires severe pruning in early spring to insure the largest flower trusses. 75 cts. each.

Philadelphus • Mock Orange

Coronarius (Common Mock Orange). A hardy, free-flowering shrub, 8 to 10 feet tall, which adds beauty, grace, and perfume to our gardens. It has a profusion of showy, fragrant white flowers in spring and early summer. Foliage light green. 3 to 4 ft., 75 cts. each.



Spiraea Thunbergi

Pyrus

Japonicus (Japan Quince). A very showy and popular shrub of medium height, which blooms profusely in early spring. Flowers dazzling scarlet. Makes an excellent hedge. 75 cts. each.

Spiraea

A large group of showy, free-flowering shrubs of inestimable value. Among them may be found those that bloom in early spring and at periods from midsummer up to frost. They thrive best in moist, fertile soil, preferring sunny exposures.

Bumalda, Anthony Waterer (Crimson Spirea). Flowers bright, rosy crimson, disposed in dense corymbs. Very floriferous all summer. 1½ to 2 ft., 75 cts. ea.

Thunbergi (Snow Garland; Thunberg's Spirea). A beautiful shrub with numerous slender branches forming a dense, feathery bush 3 to 4 feet tall. Flowers white, in early spring, covering the plant as with a mantle of snow. 2 to 3 ft., 75 cts. each.

Vanhouttei (Van Houtte's Bridal Wreath). A grand, arching shrub of garden origin 5 to 6 feet high. Leaves dark green. Flowers white in numerous umbels in late spring. 3 ft., 75 cts. each.

Syringa • Lilac

Vulgaris (Common Purple Lilac). Large, upright shrub with heart-shaped, bright green leaves. Flowers deliciously fragrant, shades of lilac-blue and purple. 3 to 4 ft., 75 cts. each.

Vulgaris alba (Common White Lilac). The old popular white variety similar to the preceding, differing only in point of color. 3 to 4 ft., 75 cts. each.

Tamarix

Africana (Tamarisk). Strong, slender, tall-growing, irregular shrubs, with feathery foliage and small, delicate flowers, borne profusely on gracefully bending branches. These pink flowers are very attractive during May. 75 cts. each.

Hispida æstivalis. A distinct variety, with delicate, soft, pink sprays of flowers in July and August, a time when the shrubby border is comparatively bare of flowers. 75 cts. each.

Viburnum

Arrow-Wood; High-Bush Cranberry

Hardy shrubs with showy flowers and foliage. Attractive not only when in blossom, but many species produce large clusters of bright or glistening berries and the foliage assumes brilliant and intense color tones in autumn. Thrives best in moist soils in sunny locations.

Dentatum (Arrow-Wood). Handsome, bushy shrub, 8 to 12 feet tall. Leaves heart-shaped, bright green, fading with tones of rich purple and red. A profusion of flat clusters of white flowers in late spring. Berries blue-black. 2 to 3 ft., 75 cts. each.



Hedge of California Privet

HEDGE PLANTS

Barberry, Japan

(*Berberis Thunbergi*)

Where a dwarf deciduous hedge is wanted, nothing equals this beautiful Barberry. Requires but little pruning to keep in shape. The leaves are small, light green, and toward fall assume rich, brilliant colors; the fruit or berries become scarlet and are extremely decorative on the plants all through the winter. Absolutely hardy in all parts of the country. Plant 12 to 15 inches apart. Extra-strong 3-year-old plants, 1½ to 2 feet high, \$3.75 per doz.; \$27 per 100.

Viburnum, continued

Tomentosum (Single Japanese Snowball). Leaves dark green with bronzy margins. Flowers white in flat-topped clusters. Berries red, changing to bluish black. 3 to 4 ft., 75 cts. each.

Plicatum (Japanese Snowball). The choicest of its class. Pure white, ball-shaped clusters of flowers in May. 75 cts. each.

Weigela • Diervilla

Hardy, free-flowering shrubs of spreading habit, thriving best in moist, loamy soil, and producing in late spring and early summer great masses of showy flowers.

Rosea. The commonest and a favorite, with rosy pink flowers in June. 3 to 4 ft., 75 cts. each.

Rosea nana variegata (Variegated Weigela). This is a variegated form of the above, enriching the collection of the fancy-colored foliage group. It is dwarf, the leaves variegated with white. Flowers white or slightly suffused with rose. 4 ft., 75c. each.

Waterer's Two-Year-Old Asparagus Roots

Ready for shipment October 15

It requires 100 plants for a single row of 150 feet

PEDIGREED WASHINGTON. It is rust-resistant, particularly vigorous, and of wonderful quality. The shoots are large, straight, dark green in color, and with a heavy purple overtone; the tight, firm tips do not begin to open out until well out of the ground. 50 cts. per doz.; \$1.75 per 100; \$15 per 1,000.

	Doz.	100	1,000
Argenteuil	\$0 30	\$1 25	\$10 00
Barr's Mammoth	30	1 25	10 00
Conover's Colossal	30	1 25	10 00
Palmetto, or Eclipse	30	1 25	10 00

High-Grade Tools and Supplies for Garden and Greenhouse

PRICES SUBJECT TO CHANGE
WITHOUT NOTICE

FOR COMPLETE LIST SEE OUR 1926 SPRING CATALOGUE

Aprons, Rubber. To protect the clothing when watering or doing any garden or greenhouse work. Extra-heavy quality. \$3.

Baskets, Split or Chip, with handles. $\frac{1}{4}$ -bus. \$1.60 per doz.; $\frac{1}{2}$ -bus. \$1.75 per doz.; $\frac{3}{4}$ -bus. \$2.50 per doz.; 1-bus. \$3 per doz.

Baskets, Rubbish. Strong, well-made, with rope handles. 3-bus. \$4.50 each.

Bird-Houses. These are made of the very best obtainable New Jersey swamp cedar, a material which is widely known for its lasting qualities. We recommend the placing of Bird-Houses in the autumn, or during the winter or early spring; the birds seem to prefer a house that is weather-beaten to a new house, particularly if it has been painted. 85c. to \$2.75.

Boxes, Cardboard, Flower.

Size, inches	Doz.	100
16 x 4 x 3	\$0 80	\$4 80
18 x 7 $\frac{1}{2}$ x 3 $\frac{1}{2}$	1 15	7 20
21 x 8 x 4	1 40	8 70
24 x 5 x 3 $\frac{1}{2}$	1 10	7 05
24 x 8 x 4	1 55	9 45
23 x 12 x 5	3 00	
28 x 8 x 5	2 40	
30 x 9 x 4	2 50	
30 x 9 x 6	3 10	
36 x 6 x 5	2 80	
36 x 8 x 5	3 00	
36 x 12 x 6	4 30	

Brooms, Stable or Road. Rattan or cocoa \$1.50 each.

Brooms, Upright. Corn \$1 each; corn and rattan \$1.20 each.

Carnation Bands, Rubber. Oz. 30 cts.; $\frac{1}{4}$ lb. \$1.

Dibbles. Just the tool for transplanting your small plants.

Brass Point. Wood handle; does not rust. \$1 each.

All Iron. Made hollow and light. 75c. ea.

Flower-Holder. This

Flower-Holder allows for arrangement of flowers and foliage to the very best advantage, as the stems can be placed and held at any angle. It is made of metal which will not rust or corrode, and will not mar or scratch the finest bowl. Its design and weight will prevent it from upsetting. Green, silver, gold or bronze finish. Each

1. 5 $\frac{1}{4}$ -inch diameter, $\frac{3}{4}$ -inch mesh... \$1 50
2. 4 -inch diameter, $\frac{1}{2}$ -inch mesh... 1 25
3. 3 $\frac{1}{4}$ -inch diameter, $\frac{1}{2}$ -inch mesh... 1 00
4. 2 $\frac{1}{4}$ -inch diameter, $\frac{1}{2}$ -inch mesh... 75

Fruit Pickers. Made of steel wire, heavily galvanized. Can be attached to any pole. 50 cts. each.

Fumigating Lamp. Used for vaporizing of nicotine preparations. All metal. Practical and indestructible. Burns kerosene. 85 cts. each.



Hand Weeding Fork

Forks, Hand Weeding. Has three steel prongs. Fine for transplanting or loosening the soil, etc. 50 cts. each.

American Garden. 4-prong; fine quality steel; 12-in. handle. 65 cts. each.

Short Handle. 4-prong; finest malleable steel. 75 cts. each.

Manure. 4-tine; D handle, \$2.25; long handle, \$1.75.

Fork, Spading. Best grade; tines spear-pointed; handle strapped both sides. Of superior quality; very strongly made. 4-tine, D handle, \$2.25; 5-tine, D handle, \$2.75.

Glass Cutters. Steel wheel, 25 cts. Six wheels, 65 cts.

Glazing Points, Peerless. Made in three sizes: No. 1, for small single thickness glass; No. 2, for medium double thickness glass; No. 2 $\frac{1}{2}$, for large double thickness glass. 65 cts. per 1,000, postpaid 75 cts.

Gloves. Heavy, to protect against briars, etc.

Horse-hide Gauntlets. \$2 per pair.

Wristband. \$1.75 per pair.

Hose, Rubber, Electric. Three-ply, non-kinkable, moulded Hose. The strength and durability of this Hose places it as the most popular on the market. $\frac{3}{4}$ -in., 24 cts. per ft.

Flexo. A good-quality Hose, moderately priced; very serviceable. $\frac{3}{4}$ -in., 22 cts. per ft.

Tryme. Surpasses all other grades of Hose at this price. $\frac{3}{4}$ -in., 18 cts. per ft.

Spray. $\frac{3}{8}$ -in., 15 cts. per ft.

No charge for couplings on length 25 ft. or longer; shorter than 25 ft., 30 cts. per set.

Hotbed Mats. For protecting hotbeds and coldframes. 1-sash, burlap, 40 x 76 in., \$2.75; 2-sash, 76 x 76 in., \$5.

Straw Mats. 1-sash, \$2; 2-sash, \$3.50.

Hotbed Sash. Made of selected cypress. 3 ft. 1 $\frac{1}{2}$ in. wide, 6 ft. long.

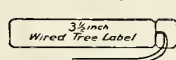
Plain, not glazed or painted. \$4.25 each.

Glazed, painted, puttied glass. \$8 each.

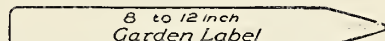
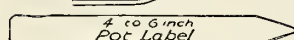
Packing charges on glazed sash, 50 cts. each.

Hyacinth Glasses. Hyacinths can be easily and successfully grown in water in glasses, giving good spikes of bloom. We have Hyacinth Glasses in four shades—Crystal, Blue, Green, and Amber. *Cannot be sent by mail.* 35 cts. each; \$3.50 per doz

Knives, Budding. \$1.75 and \$2.75.



Knives, Pruning. \$1.50.



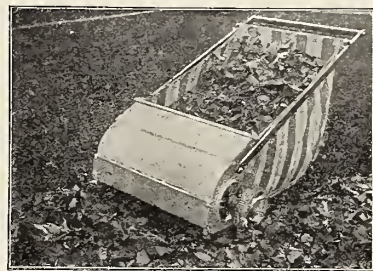
Painted Pot Labels.

Sizes	100	By P.P. per 100	1,000
4 -inch.....	\$0 35	\$0 40	\$2 25
4 $\frac{1}{2}$ -inch.....	40	45	2 75
5 -inch.....	45	50	3 00
6 -inch.....	55	60	3 50
8 -inch.....	1 60	1 70	9 00
10 -inch.....	1 75	1 90	11 00
12 -inch.....	2 25	2 50	14 00

Tree Labels, Copper-wired, Painted. 50 cts. per 100, \$3.25 per 1,000.

Simplex Weatherproof. Writing is protected by a transparent cover and will last for years if done with lead pencil. However, the pencil markings may be instantly removed with an ordinary eraser, and the label used again. Prices, including copper wires for attaching:

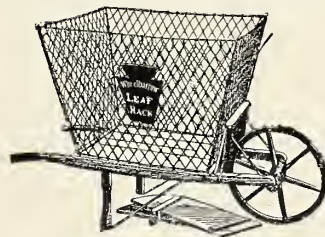
Sizes	Doz.	100
No. 1. 3 x $\frac{1}{2}$ -inch.....	\$0 50	\$2 50
No. 2. 4 x $\frac{3}{4}$ -inch.....	85	5 00
No. 3. 5 x 1 -inch.....	1 10	7 50



Pennsylvania Lawn-Cleaner

This hand machine will remove from the lawn not only the cut grass, but all sorts of leaves and litter, leaving the grass standing upright. It is easy to operate, and, with it, one man will do more and better work than four men with hand rakes. 24-inch rake, \$30; 36-inch rake, \$42.50.

Sweeping Brushes for the above, \$9 per set of 3, when purchased separately.



Wheelbarrow Leaf-Rack

This can be attached to any size wheelbarrow with removable sides. It is most convenient for gathering leaves, cut grass and rubbish. Has a capacity of 10 bushels; made of galvanized wire, bolted to a wooden base. It can readily be taken apart, occupying but little space when not in use. Price, not including wheelbarrow, \$8.

Leaf-Rack and Truck. Excellent for gathering leaves, litter, grass, etc. Rack can be attached to a water-barrel truck.

Leaf-Rack only, no truck \$8 each.

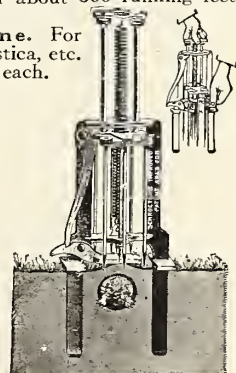
Leaf-Rack and Truck, with 3 $\frac{1}{2}$ -inch tires (steel wheels), \$25 each.

Mastica. For glazing greenhouses. One gallon will cover about 300 running feet. \$2.50 per gal.

Mastica Machine. For distributing Mastica, etc. Heavy zinc. \$3 each.



Reddick



Schroeter

Mole Traps, Reddick. \$1.25 each.

Schroeter. It has a rest on the top for a weight, also eight sharp prongs and a strong spiral spring. \$2.50 each.

HIGH-GRADE TOOLS AND GREENHOUSE SUPPLIES, continued

Paper, Celery. Rolls of 500 sq. ft., \$2.25 per roll.

Manilla. For wrapping. 24 x 36 in. ½ ream \$2.25; ream \$4.

Manilla Tissue. ½ ream \$1.15; ream \$2.

White Wax. 24 x 36-in. ½ ream \$1.75; ream \$3.25.

Green Wax. 24 x 36-in. ½ ream \$2; ream \$3.50.

Pebbles. Carefully screened and selected. Qt. 10 cts.; pk. 75 cts.; bus. \$2.50.

Plant Stands, Wire. Strong, durable stands. Baked green enamel finish which is very lasting. Every joint is permanently welded by electricity under great pressure, and will not break throughout the life of the article. The construction which allows for tilting the plants at almost any angle has met with the hearty approval of thousands, in all parts of the country. 12 in. high, 1 pot, \$2; 20 in. high, 2 pots, \$2.50; 36 in. high, 4 pots, \$3.

Collapsible. Substantial, well-made Stands. 2-shelf, \$5.25; 3-shelf, \$6.25.

Pot Brackets, Iron. For one pot, 45c.; 2-arms, 60c.; single-arm, two pots, 75c.

Steel, for 5-inch pots, 60 cts.; 6-inch pots, 70 cts.; 7-inch pots, 80 cts.

Raffia. Tough, pliable grass for tying plants. Natural color, 25c. per lb.; dyed green, \$1 per lb.

Rubbish Burners for leaves, paper and rubbish. The best receptacle used for burning leaves, papers, and all kinds of rubbish. This handy Burner is a safeguard against many fires that have their origin in the burning of rubbish in the open. The Burner is extra strong, manufactured of galvanized steel wire, reinforced with heavy wire supports. Made to give life-long satisfaction. We supply this Burner in two sizes. No. 1, \$6; No. 2, \$5.50.

Saws, Pruning, Single Edge. Best spring-steel. 16-in., \$1.60; 18-in., \$1.70; 20-in., \$1.80.

Double Edge, 18-in., \$1.75; 20-in., \$1.90.

Disston Carpenter, 26-in., \$3.50; 28-in., \$4.

Buck or Wood, \$1.50.

One-Man Crosscut, 3½-ft. blade, \$3.75.

Two-Man Crosscut, 5-ft. blade, \$5.75.

Saucers. See page 33.

Scissors. For flower gathering. Finest quality imported. Cuts and holds the flowers. \$2.50 each.

Grape. For thinning out bunches of grapes. \$1.50 each.

Shears

Hedge, Finest English Steel. Solid steel blade, crucible tool-steel, tempered to hold an edge. Give good service. Shears with notch are the best for cutting heavy stems of hedge plants. With notch, 8-in. blade, \$3.25; 9-in. blade, \$3.50; 10-in. blade, \$4.25.

American. 8-in. \$2.50; 9-in., \$2.75; 10-in., \$3.

Ladies. 6-in., \$1.75.

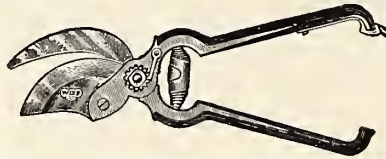
Yeakle. These Shears will not push the hedge forward but will hold it and cut it at once. They also have a tension spring to keep the blades together, consequently need little or no attention, as the spring has a tendency to keep them sharp. \$6 each.

French Hand-pruning. Made of good quality tool-steel; flat roller spring; works easily and cuts well; detachable blades; plain finish. Made in two sizes. 7-in., \$2.25; 8-in., \$2.50.

Hand-pruning, Wiss. Finest quality crucible tool steel; tempered to hold an edge; will not break. 10-in., \$4; 9-in., \$3.50.

Wiss No. 309. 9-in., \$2.50 each.

Wiss No. 209. 9-in., \$1.50 each.



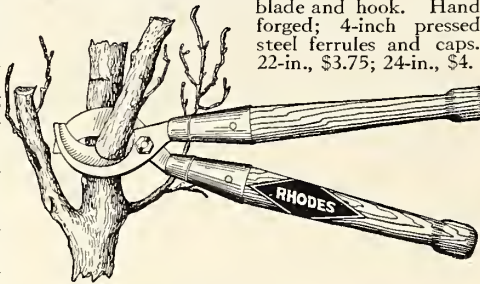
Shears, California. Crucible tool-steel blade; malleable handle; Japan finish. A very good Shear for grape-vines and shrubbery. \$1 each.

Ladies' Nickel-plated. Light, practical, handy to use on roses and shrubbery. 6-in., \$1.75 each.

Ladies' Light-weight Pruning Shears. Good quality steel. 6-in., \$1 each.

English Lopping Shear. Forged from the best quality steel. The jaws of this pruner open very wide without spreading the handles too far apart, slip onto limbs easily, and work into narrow places. 3½-in. jaw, \$6; 4-in. jaw, \$6.75.

Lopping Shears. Draw cut. Solid steel blade and hook. Hand forged; 4-inch pressed steel ferrules and caps. 22-in., \$3.75; 24-in., \$4.



Rhodes' Double-Cut Pruner

A good and powerful Pruner. Cuts from both sides of the limb, and does not bruise the bark. Long ferrules; handles do not pull out; blades are of the best forged steel. 28-in., \$5 each.

Auto Spray

This machine is one of the strongest and most simple in its parts. The pump is



locked by means of sliding cam, which prevents wear, gives long service, and renders all parts instantly accessible. Reservoir holds 4 gallons, but should not be over two-thirds full of solution when ready for spraying. About two pumpings will empty the tank. It can be used in the garden for small trees and shrubs, or white-washing. Cylinders are made of both galvanized iron and brass, with locked seams.

Equipment

No. 1A. Brass tank with Stop Cock... \$9 00

No. 1B. Brass Tank with Auto Pop... 9 50

No. 1C. Galvanized Tank with Stop Cock... 6 00

No. 1D. Galvanized Tank with Auto Pop... 6 50

Extension Pipes. Brass, 2-foot lengths for spraying tall shrubs and trees. 60 cts.

Copper Strainer. For straining lumpy liquids. \$1.50.

Auto-Pop Nozzle Attachment. Controls the flow instantly by a pressure of the hand. When Auto-Pop Attachment is purchased separately: Plain, \$2 each (by mail, \$2.10); complete, with hose, \$2.50 (by mail, \$2.60).

Auto Spray No. 50. Lighter weight; smaller capacity. This sturdy little machine holds about two and one-half gallons. It is entirely suitable for spraying on a smaller scale, and is particularly recommended for use where weight is a factor, as when women-folk or youngsters help out with the spraying.

No. 50B.....\$7 90

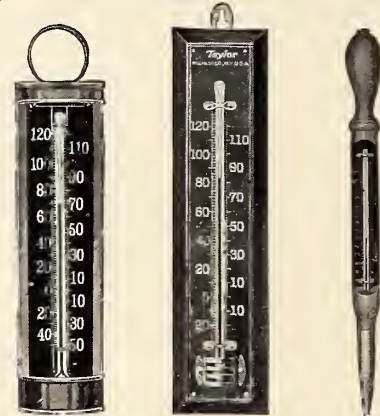
No. 50D.....5 40

Brass Syringes. A101.....3 75

A103.....6 00

A110.....10 50

Sprinkler, Rubber. 8-oz., \$1.15; 10-oz., \$1.50.



Thermometers

No. 5420. Black japanned heavy tin case. For greenhouses. Black oxidized brass scale, white figures. (Spirit.) 8-in., \$1.15; 10-in., \$1.35.

No. 5400. Copper case. 10-in., \$2.90.

No. 5981, Hotbed. Wood frame, 16 inches, with point. Brass oxidized scale, white figures and graduations. Best grade, \$2.75.

No. 5120. Distance reading. Wood-back, mission finish, brass scale, white figures and graduations. (Spirit.) 8-in., \$1.75.

No. 5452, Self-Registering. Copper case, black brass scale, white figures. **Maximum and Minimum.** \$6.25 each with Magnet.

No. 5140. Black scale with white figures and graduations. Wood backs. 8-in., 75 cts.

Trowels



The Kingsbury. All one piece of solid steel. 50 cts. each.

Johnson Steel. These have one-piece steel blade and shank, equal to the imported. 5-inch.....\$0 70 | 7-inch.....\$0 80
6-inch.....75

Steel-Shank. Somewhat long in blade and handle, making a very practical tool. 6-inch blade, 85 cts. each.

American Garden. Light weight; very serviceable. 6-inch, 30 cts. each.



Transplanting. Narrow steel blade; excellent for setting bulbs, transplanting, or weeding. 7-inch, 35 cts. each.

Transplanting. Very handy for transplanting cabbage, tomatoes, etc. Solid steel shank and blade. 75 cts. each.

HIGH-GRADE TOOLS AND GREENHOUSE SUPPLIES, continued

Twine, Jute. For tying plants and vines; soft and very strong. 2 and 3-ply, ball, 18 cts.; lb., 30 cts.

Sea Island Cotton. Green. Ball, 15 cts.; lb., 85 cts.

Green Silkaline. Very largely used for tying plants and stringing smilax, asparagus, etc. Spool, 35 cts.

Tar Twine. Ball, 35 cts.

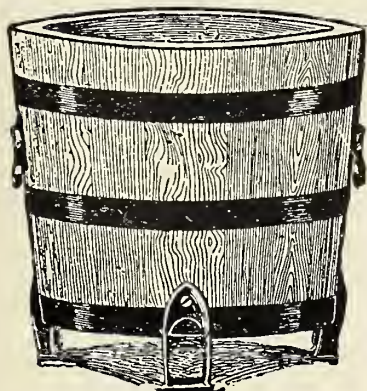
White Cotton. Medium, ball, 40c.; lb., 80c. Heavy, ball, 40 cts.; lb., 80 cts.

Cedar Tubs

Equipped with Strong Iron Drop Handles and Feet

These are made by hand, of the very best white cedar, painted green, bound with black iron hoops.

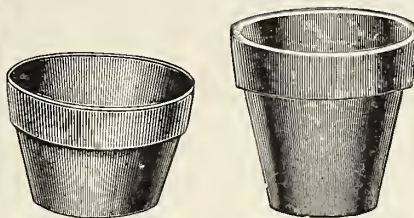
	Inside diam.	Each
No. 0.....	24¾ in.	\$11 50
No. 1.....	23¾ in.	10 50
No. 2.....	21¾ in.	9 50
No. 3.....	18 ½ in.	7 50
No. 4.....	16½ in.	6 50
No. 5.....	14 ½ in.	5 75
No. 6.....	12 ¾ in.	5 00
No. 7.....	11¾ in.	4 25
No. 8.....	10 ½ in.	3 75



Keystone Plant Tubs

Made of white cedar, painted green, and bound with strong electric welded wire hoops which do not rust. Handles are sold separately at 30 cts. per pair, not attached to tub.

No.	Inside diam.	Depth	Each
No. 5.....	10 in.	9 in.	\$9 95
No. 6.....	11 in.	10 in.	1 15
No. 7.....	12 in.	11 in.	1 30
No. 8.....	13 in.	12 in.	1 75
No. 9.....	14 in.	13 in.	1 85
No. 10.....	15 in.	14 in.	2 25
No. 11.....	16 in.	15 in.	2 35
No. 12.....	17 in.	16 in.	2 75
No. 13.....	18 in.	17 in.	3 25
No. 14.....	19 in.	18 in.	4 25



Standard Earthenware Flower Pots

Full inside measurement. Six at dozen rates; 50 at 100 rates; 500 at 1,000 rates. Earthenware Flower Pots, Bulb Pans, and Saucers cannot be sent by mail, but only by express or freight, at customer's expense.

Size	Each	Doz.	100
2 in.....	\$0 02	\$0 18	\$1 02
2¼ in.....	02	18	1 16
2½ in.....	02	18	1 35
3 in.....	03	24	1 76
3½ in.....	03	29	2 16
4 in.....	04	36	2 70
4½ in.....	06	49	3 65
5 in.....	07	65	4 86
5½ in.....	08	81	6 08
6 in.....	09	98	7 29
6½ in.....	13	1 30	9 72
7 in.....	15	1 62	12 15
8 in.....	22	2 34	17 55
9 in.....	33	3 60	27 00
10 in.....	45	4 86	36 45
11 in.....	66	7 20	54 00
12 in.....	91	9 90	74 25
14 in.....	1 48	16 20	121 50

Earthenware Saucers

Size	Each	Doz.	100
4 in.....	\$0 03	\$0 27	\$2 03
5 in.....	04	36	2 70
6 in.....	06	54	4 05
7 in.....	07	72	5 40
8 in.....	10	99	7 43
9 in.....	14	1 35	10 13
10 in.....	15	1 62	12 15
11 in.....	19	1 98	14 85
12 in.....	23	2 43	18 23
14 in.....	37	4 05	30 38

Wood Fiber Vases

No.	Each	Doz.	100
No. 0.....	8 x 13 in.	\$1 60	
No. 1.....	5½ x 10 in.	1 40	
No. 2.....	4½ x 9 in.	1 25	
No. 3.....	4 x 6 in.	1 10	
No. 4.....	3 x 4½ in.	90	
No. 11.....	5 x 18 in.	1 95	
No. 22.....	4½ x 15 in.	1 75	
No. 33.....	4 x 12 in.	1 60	
No. 44.....	3 x 9 in.	1 25	

Round Bulb or Lily Pans

Width	Each	Doz.	100
6 in.....	\$0 09	\$0 98	\$7 29
7 in.....	15	1 62	12 15
8 in.....	22	2 34	17 55
9 in.....	33	3 60	27 00
10 in.....	45	4 86	36 45
12 in.....	91	9 90	74 25
14 in.....	1 48	16 20	121 50

Wood Fiber Saucers

Size	Each	Doz.	100
5 in.....	\$0 32	\$3 70	
6 in.....	35	4 00	
7 in.....	37	4 30	
8 in.....	40	4 65	
9 in.....	44	5 15	
10 in.....	\$0 49	\$5 70	
12 in.....	56	6 50	
14 in.....	74	8 40	
16 in.....	1 30	15 00	
18 in.....	1 50	17 15	

Watering Cans

Wotherspoon's. Galvanized; extra heavy, with long spout and two roses—one coarse and one fine.

Size	Each	Doz.	100
4-qt.....	\$4 70		
6-qt.....	5 00	\$5 50	
8-qt.....	5 50	6 00	
10-qt.....	\$6 00		
12-qt.....	6 25	6 75	
16-qt.....	7 00	7 50	

Extra Roses or Sprays. For Wotherspoon Watering-Can, either coarse or fine, 60 cts. each.

Light Galvanized Iron.

Size	Each	Doz.	100
4-quart.....	\$1 00		
6-quart.....	1 10		
8-quart.....	1 25		
10-quart.....	\$1 40		
12-quart.....	1 60		
16-quart.....	2 00		

Window. Long spout. Rose, Blue, and Maroon. 2-quart, \$1 each.

Water Barrel and Truck

The price below includes barrel and truck. The latter is constructed so that the barrel may be detached quickly and the leaf-rack attached. 3½-inch tire Truck, all-steel wheels, with barrel, \$24 each.

Extra barrels with trunnions, open head, \$6.50 each.

Truck with 3½-inch tire wheels, no rack or barrel, \$17.50 each.

Wheelbarrows

GARDEN, FARM AND GREENHOUSE

Strong, well-made. The frame is seasoned hardwood painted red. Back and legs put together by joint bolts.

No. 1. 2¾-in. tire.....	\$9 50
No. 2. 2¾-in. tire.....	8 50
No. 3. 2¾-in. tire.....	8 00

Special Greenhouse Style. Narrow body as also is the distance between the handles. \$11 each.

Boy's. This is a very neat, well-constructed wheelbarrow. \$6 each.

STANDARD GARDENING BOOKS

For those who seek practical, worth-while advice

A WOMAN'S HARDY GARDEN. Mrs. Ely. A very popular and helpful book for the amateur, beautifully illustrated. \$2.15.

ASPARAGUS. Hexamer. Gives all details. \$1.

A LITTLE BOOK OF ANNUALS. A reliable guide through the season of annual bloom. Cloth cover \$1.75.

A LITTLE BOOK OF PERENNIALS. Devoted to the general principles of growing, using, selecting, and propagating perennials. Cloth cover \$1.75.

BULB BOOK. Tells how to handle to ensure the best success. 25 cts.

CLIMBING PLANTS. Written to answer most of the questions about suitable climbing plants and ground-covers for various purposes. Cloth cover \$2.

FERTILIZER. Voorhees. How to make and use. \$2.75.

GARDEN GUIDE (The Amateur Gardeners' Handbook). Direct, simple, and reliable information on vegetable, fruit and flower-garden, planning the home grounds, care of lawns, pruning directions, trees, shrubs, and climbers, bulbs, the rock-garden, how to propagate plants, other allied subjects too numerous for mention. Paper cover \$1; cloth cover \$1.50.

GREENHOUSE MANAGEMENT. Taft. A reliable guide on this important branch of horticulture. \$2.45.

HOME FRUIT GROWER. For the amateur who seeks to grow high-quality fruits. Cloth cover \$1.65.

MILADY'S HOUSE PLANTS. For those seeking success with plants in the home. Tells how to care for Palms, Ferns, Rubber Plants, Fuchsias, Jerusalem Cherries and scores of other popular house plants, together with advice about the best plants to grow indoors. Cloth cover \$1.

MUSHROOM CULTURE. Duggar. Mushroom culture by up-to-date methods. \$2.15.

PAGES FROM A GARDEN NOTE BOOK. Mrs. Francis King. Very instructive, entertaining, practical book on gardening. Illustrated. \$3.20.

PERENNIALS, THE CULTURE OF. Cloud. \$2.60.

ROSES, HOW TO GROW. Latest revised edition of this helpful, interesting book for the rose-lover. \$2.

VEGETABLE GARDENING. Watts. Complete treatise on this subject. \$2.70.

Fertilizers for the Farm, Lawn, Garden and Greenhouse

Prices on Fertilizers subject to change without notice

Ashes, Hardwood. Apply 1,000 pounds per acre. Indispensable for all crops requiring potash; excellent for mixing with potting soil. For top dressing lawns and grass fields it is applied to best advantage either in early spring or late fall. 25 lbs. 85 cts.; 50 lbs. \$1.50; 100 lbs. \$2.50; 200-lb. bbl. \$4.25; 1,000 lbs. \$18; ton \$35.

Bone Flour. Ground perfectly fine. An excellent fertilizer for pot plants or beds where an immediate effect is wanted. 5 lbs. 50 cts.; 10 lbs. 85 cts.; 25 lbs. \$1.50; 50 lbs. \$2.75; 100 lbs. \$5; 200 lbs. \$8.50; 1,000 lbs. \$37.50.

Bone-Meal. We recommend this especially for lawns, gardens, and greenhouses, or any purpose where a high-class fertilizer counts. Apply 800 to 1,000 pounds per acre. 3 lbs. 25 cts.; 5 lbs. 35 cts.; 10 lbs. 60 cts.; 25 lbs. \$1.40; 50 lbs. \$2.50; 100 lbs. \$4; 200 lbs. \$7.50; ½ ton \$32.50; ton \$60.

Cattle or Cow Manure, Shredded. For garden, lawn, and greenhouse, and especially good to mix with compost. 5 lbs. 45 cts.; 10 lbs. 70 cts.; 25 lbs. \$1.40; 50 lbs. \$2.25; 100 lbs. \$3.75; 500 lbs. \$18; 1,000 lbs. \$33; ton \$60.

Chrysanthemum Manure (Thomson's Special). Entirely soluble and very powerful. Especially suitable for top-dressing chrysanthemums and similar plants. To be used as an additional stimulant during the growing season. 28-lb. bag \$4; 56-lb. bag \$7.

Clay's Fertilizer. An English chemical fertilizer, for forcing greenhouse plants and vegetables. It can be used in either dry or liquid form. 28-lb. bag \$3.75; 56-lb. bag \$6.25; 112-lb. bag \$12.

Humus, Alphano Prepared. An excellent article to incorporate with poor soil in the garden, greenhouse, or in potting plants. When used in garden work, the ground should be covered with ½ to 2 inches of Humus and spaded in. 5 lbs. 35 cts.; 10 lbs. 60 cts.; 25 lbs. 90 cts.; 100 lbs. \$2.25; 500 lbs. \$10; 1,000 lbs. \$15.

Sheep Manure. Apply 1,000 pounds per acre. One of the most extensively used of animal manures. The analysis shows it to be a

perfectly balanced plant-food. For garden, lawn, or greenhouse use, nothing surpasses sheep manure. It is clean and easily handled, besides giving immediate results. 2 lbs. 25 cts.; 5 lbs. 45 cts.; 10 lbs. 70 cts.; 25 lbs. \$1.40; 50 lbs. \$2.25; 100 lbs. \$3.75; 500 lbs. \$18; 1,000 lbs. \$33; ton \$60.

Soot, Imported Scotch. This is used principally for bringing a good healthy color into the foliage of chrysanthemums and other greenhouse plants. Also destroys insects and grubs that work on top of and underneath the surface. 5 lbs. 75 cts.; 10 lbs. \$1.25; 25 lbs. \$2; 112 lbs. \$6.

Stadler's Superior Plant Food. An odorless plant food, soluble in water, and immediately available to plant-growth. 3-oz. can 25 cts.; 7-oz. can 50 cts.; 16-oz. can \$1.

Stim-U-Plant. A plant-food in tablet form; contains highly concentrated, immediately available forms of plant-food for use in stimulating all fruit, flower, vegetable, and ornamental plants, and may be used in tablet or in liquid form. Pkg. (30 tablets) 25 cts.; 100 tablets 75 cts.; 1,000 tablets \$3.50.

Tobacco Stems. For fumigating, mulching, and fertilizing; an excellent top dressing for lawns in winter. In bales, 2 cts. per lb; ½ ton \$15; ton \$27.50.

Terogen

Autumn-Winter Ground Dressing

Destroys the spores of fungi of diseases. Kills the larvæ of insects, such as rose-pith borer, rose bugs, Japanese beetles, aphids and ants. A valuable fertilizer.

1-lb. tins.....	\$0 75	10-lb. tins.....	\$4 75
2-lb. tins.....	1 25	25-lb. drums.....	11 00
5-lb. tins.....	2 75	100-lb. drums.....	40 00

NOTE.—A 10-lb. tin is sufficient for one application for 30 to 50 rose bushes.

Insecticides, Etc.

Prices subject to change without notice. Directions for using any of the following will be found on each package

Ant Destroyer (McGregor's). An effective exterminator of ants, roaches, etc. ½ lb. 50 cts.; lb. \$1; 5 lbs. \$4.75; 10 lbs. \$9; 25 lbs. \$22; 100 lbs. \$80.

Aphine. The recognized standard insecticide. Not a cure-all, but a specific remedy for all sap-sucking insects infesting plant life, such as green, black, or white fly, thrips, red spider, mealy bug, and soft scales. Pt. 70 cts.; qt. \$1.15; gal. \$3.25.

Aphis Punk. A nicotine paper for fumigating. Pkg. (12 sheets) 1; case (12 pkgs.) \$9.50.

Arsenate of Lead. (Powdered.) One to 1½ pounds dilutes to 50 gallons of water, or may be used dry, like Paris green. Lb. 45 cts.; 5 lbs. \$2; 10 lbs. \$3.50; 25 lbs. \$8; 50 lbs. \$15; 100 lbs. \$24.

Arsenate of Lead. (Paste.) Unexcelled as a general spray for all leaf-eating pests. Lb. 40 cts.; 5 lbs. \$1.75; 10 lbs. \$2.75.

Black-Leaf 40. A concentrated solution of nicotine for spraying. 1-oz. bottle 35 cts.; ½ lb. \$1.25; 2 lbs. \$3.50; 10 lbs. \$13.50.

Bordeaux Mixture. (Dry.) For dusting plants affected with mildew and all fungous diseases. Can be used as a spray. 1-lb. box 35 cts. (makes 5 gallons spray); 5 lbs. \$1.25.

Calcium Cyanide. A valuable insecticide for greenhouse fumigation, for destroying aphids, white fly, soft scale, thrips, etc. Also highly effective for exterminating moles, ground squirrels, field-mice, ants, etc., from the garden. Lb. 70 cts.; 5 lbs. \$3.

Copper Solution. (Liquid.) For fungus, mildew, leaf blight, rust, and black-rot. Qt. \$1.50; gal. \$4.

Kerosene Emulsion. (Liquid.) For cabbage worm, scale on trees, caterpillars, melon louse, rose bugs, green fly, and lice of all kinds. Pt. 50 cts.; qt. 85 cts.; gal. \$2.25.

Lemon Oil Co.'s Standard Insecticide. Destroys mealy bugs, scale, thrips, red spider, black and green fly, etc. ½ pt. 35 cts.; pt. 60 cts.; qt. \$1; ½ gal. \$1.75; gal. \$3; 5 gals. \$12.

Nico-Fume. (Liquid.) For use as a spray or vapor, for controlling green fly, aphids, etc., in greenhouses and outdoors. ¼ lb. 85 cts.; lb. \$2.50; 4 lbs. \$8.50; 8 lbs. \$16.

Nico-Fume Paper. For fumigating greenhouses; gives off dense fumes charged with nicotine. Box (24 sheets) \$1.50; 144 sheets \$5.75; 288 sheets \$10.50.

Nico-Fume Tobacco Powder. A tobacco powder highly charged with nicotine; splendid for fumigating greenhouses. Lb. can \$1.35; 5 lbs. \$5; 10 lbs. \$9.

Nikoteen. (30 per cent.) One of the very best forms of tobacco or nicotine preparations; usually diluted in water; makes a satisfactory spray as well as vapor. ½-lb. bottle \$1.35; lb. \$2.25; 4 lbs. \$7.50.

Paradichlorobenzene. For peach-tree borers. Lb. can 65 cts.; 5-lb. can \$2.75; 10-lb. can \$5; 25-lb. keg \$12.

Rat Corn. A very effective rat poison. Cans 25 and 50 cts. each.

Rax. The most efficient rat exterminator. Introduces a contagious disease which affects only rats. 75 cts.

Pyrox. The one best and safest all-round spray which kills all leaf-eating insects and prevents blights and all fungous troubles, without injury, on fruit trees, grape-vines, currant bushes, potatoes, cantaloupes, cucumbers, and other garden vegetables, also on rose bushes, shrubbery, etc. It is a creamy paste which looks like paint and "sticks like paint." It needs only to be mixed with cold water and it is ready to apply. Once tried, always used. Lb. 50 cts.; 5 lbs. \$2; 10 lbs. \$3.50; 25 lbs. \$7; 50 lbs. \$12.50; 100 lbs. \$21; 300 lbs. \$58.50.

Scale Destroyer, Target Brand. Qt. 60 cts.; gal. \$1.50.

Scalecide. Used for the destruction of the San José scale. Spray during the winter or early spring when the trees are dormant. Qt. 60 cts.; gal. \$1.50; 5 gals. \$6.50; 10 gals. \$11; 30 gals. \$27; 50 gals. \$39.50.

Slug Shot, Hammond's. One of the cheapest and best powders for destroying insects. 1-lb. canister 18 cts.; 5 lbs. 60 cts.; 10 lbs. \$1.20; 25 lbs. \$2.75.

Sulphur, Powdered. For mildew. Lb. 10 cts.; 5 lbs. 45 cts.; 10 lbs. 85 cts.; 25 lbs. \$2; 100 lbs. \$7.50.

Sunoco Spray Oil. For the control of aphids, psylla, red spider, scale, etc. 1 gal. \$1.50; 5 gals. \$5.75.

Tobacco Dust, Stothoff's. For burning or dusting; state which is wanted. Lb. 10 cts.; 5 lbs. 45 cts.; 10 lbs. 85 cts.; 25 lbs. \$1.75; 50 lbs. \$3.25; 100 lbs. \$6.

Tree Paint. Qt. 85 cts.; gal. \$2.50.

Wilson's O. K. Plant Spray. A powerful yet harmless and efficient insecticide for aphids, red spider, mildew, scale, etc., for inside and outside spraying. Qt. \$1; gal. \$3.

Sundries

Bulb Fibre. This is a prepared fibre containing all the ingredients for producing blooms from bulbs indoors. It can be used for any dish, as it does not require drainage. Qt. 15 cts.; ½ pk. 45 cts.; pk. 75 cts.; ½ bus. \$1.25; bus. \$2.

Charcoal, Lump. For use in potting. Pk. 65 cts.; bus. \$1.50; bbl. sack \$2.50.

Hay, Salt. For protecting plants in winter. 2 cts. per lb.

Leaf Mold. Pk. 50 cts.; bus. \$1.50; bbl. \$3.25.

Lawn Mower Oil. Pt. 25 cts.; qt. 35 cts.; ½ gal. 65 cts.; gal. \$1.10; 5 gals. \$4.25.

Orchid Peat. Selected. Sack \$3.25.

Jersey Peat. Bbl. \$3.25.

Sphagnum Moss, Dry. 5-bbl. bale \$4.50.

Sphagnum Moss, Live. Bbl. \$3.25.

Moss, Green Lump. Bbl. \$3.25.

Moss, Green Sheet. Sack \$3.50.

Propagating Sand. Bbl. \$3.

Pebbles. Qt. 10 cts.; pk. 75 cts.; bus. \$2.50; bbl. sack \$5.

Soil for Potting. Pk. 40 cts.; bus. \$1.50; bbl. \$3.25.

Seeds Bulbs and Plants



PLEASE USE THIS ORDER SHEET

HOSEA WATERER

714 Chestnut St., PHILADELPHIA, PA.

(One Block West of Independence Hall)

Fertilizers
Insecticides
Sprayers
Tools

Date _____ *Charge to* _____ *Amount enclosed, \$* _____

Name_____

Post Office _____

Street and Number _____

P. O. Box or R. F. D.

County _____ State _____ Express Office _____

Ship by _____ Ordered by _____

Express, Freight or Parcel Post

All Seeds, etc., sold herewith will be supplied only under the terms stated in our Catalogue

*Date Shipped*_____

Pkgs. _____ Boxes _____

Bags _____ *Baskets* _____

Bbls _____ *Bdls.* _____

[illegible]

[illegible]



Waterer's Grass Seed Mixtures for Lawns and Pleasure Grounds

The fall season, from August 15 to October 15, is the best time to sow Lawn Grass Seed. The fall rains hasten germination and enable the roots to become well established before freezing weather sets in. Growth is resumed with the first thaws of early spring and the roots are strengthened, while seed sown in the spring is just undergoing germination. A lawn grown in this way will endure summer droughts better than a spring-sown lawn. One quart is sufficient for 100 square feet, 4 to 5 bushels for an acre; for renovating old lawns, about half that quantity.

HOW TO MAKE A LAWN

To produce a good lawn requires considerable work; do not make the mistake of trying to cheapen the preparation, for nowhere in the garden is the old axiom of "What is worth doing, is worth doing well," better illustrated.

The soil must be deep; a good lawn cannot exist on thin soil. Plow the ground deeply—a foot is none too much. Apply to the soil before plowing, a heavy coating of well-rotted stable manure. Fresh manure carries too many weed-seeds; its use should be avoided. A lawn will not thrive on sour soil; lime the ground after plowing, using 2 tons of ground limestone to the acre. If manure is not available, sheep manure or chemical manures may be substituted.

Ground bone-meal, 800 pounds to the acre, is a good lawn fertilizer, furnishing plant-food over a long period; 100 pounds of nitrate of soda and 100 pounds of dried blood to the acre should be applied at the same time; these furnish nitrogen for immediate use. Sheep manure at the rate of 1,000 pounds to the acre may be used instead of nitrate of soda and dried blood. When only a small lawn is being made, use 20 pounds of bone-meal to 250 square feet, $\frac{1}{2}$ pound each of nitrate of soda and dried blood, or 6 pounds of sheep manure. Harrow and cross-harrow until the ground is thoroughly pulverized; the better harrowed the ground is, the better the grass will grow and the more permanent the lawn.

If Grass Seed is wanted by parcel post, please add for postage at your zone rate (see page 3).

WATERER'S "BEST" LAWN GRASS MIXTURE. A mixture of the finest American and European grasses adapted to lawn-making. They are all of dwarf spreading growth and deep rooted, forming a close, velvety surface which will withstand the intense heat of summer. Highly recommended. Pt. 30 cts.; qt. 50 cts.; pk. \$3.25; bus. (20 lbs.) \$12.

WATERER'S SPECIAL EVERGREEN LAWN MIXTURE. This mixture is composed of a combination, in proper proportions, of the best natural lawn grasses, so as to produce a continuous good lawn from early spring until late in the fall, and the ingredients are the highest grade of re-cleaned seeds only. Pt. 25 cts.; qt. 45 cts.; pk. \$2.75; bus. (20 lbs.) \$10.

WATERER'S POPULAR EVERGREEN LAWN MIXTURE. In this mixture the quantities of some of the more expensive grasses are reduced or left out. Produces a thick turf, well adapted to hard usage. Pt. 20 cts.; qt. 35 cts.; pk. \$2.15; bus. (20 lbs.) \$8.

WATERER'S MIXTURE FOR SHADY PLACES. A mixture of grasses best adapted for sowing in shady places, where other grasses will not thrive. Pt. 25 cts.; qt. 45 cts.; pk. \$2.75; bus. (20 lbs.) \$10.

WATERER'S SEASHORE LAWN GRASS SEED. A special mixture of grasses peculiarly suited for seaside lawns, composed of strong-rooted varieties which will quickly produce a good turf. Pt. 25 cts.; qt. 45 cts.; pk. \$2.75; bus. (20 lbs.) \$10.

WATERER'S GOLF LINKS MIXTURE. The grasses in this mixture will produce a rich green turf that will resist tramping and hard wear and will retain its color during the severest drought. Sow 100 pounds to the acre. Pt. 20 cts.; qt. 35 cts.; pk. \$2.15; bus. \$8.

WATERER'S TERRACE MIXTURE. A special mixture of grasses best suited for sowing on terraces and side-hills—grasses that produce strong, spreading roots, thus preventing heavy rains from washing them out, that will withstand drought and exposure, thrive on shallow soils, and at the same time produce a rich, green turf throughout the season. Pt. 25 cts.; qt. 45 cts.; pk. \$2.75; bus. (20 lbs.) \$10.

WATERER'S PUTTING-GREEN MIXTURE. A mixture of very fine-bladed varieties of grasses suitable for the production of a close, thick, fine turf. Pt. 40 cts.; qt. 75 cts.; pk. \$4.75; bus. (25 lbs.) \$18.

WATERER'S TENNIS-COURT MIXTURE. A mixture of fine grasses for tennis-courts, and which will make a firm, green and lasting turf. Pt. 25 cts.; qt. 45 cts.; pk. \$2.75; bus. (20 lbs.) \$10.

White Dutch Clover Seed

Excellent for use on lawns; forms a close herbage and remains green throughout the season. We furnish the choicest grade of seed. Lb. 85 cts.; 5 lbs. \$4; 10 lbs. \$7.75; bus. (60 lbs.) \$45.

Waterer's Permanent Pasture and Hay Mixture

Far superior to any other mixture for producing permanent hay and pasture. A mixture of varieties which will form a permanent pasture that lasts for years. Composed chiefly of native and acclimated grasses which have been found to be best. These are blended in their proper proportions to give the desired results. Sow on new land which has been plowed and harrowed, at the rate of 60 pounds per acre; on ground partly covered, about 30 pounds per acre. Pk. \$1.75; bus. (20 lbs.) \$6.50.

Bone-Meal. One of the best all-round lawn fertilizers; continues to feed the grass for a year. Rich in nitrogen and phosphoric acid. Apply 800 lbs. per acre. 3 lbs. 25 cts.; 5 lbs. 35 cts.; 10 lbs. 60 cts.; 25 lbs. \$1.40; 50 lbs. \$2.50; 100 lbs. \$4; 200 lbs. \$7.50; 1,000 lbs. \$32.50; 2,000 lbs. \$60.



DREAM
(DARWIN)

CLARA
BUTT
(DARWIN)

DOM
PEDRO
(BREEDER)

MR.
FARNCOMBE
SANDERS
(DARWIN)

COVER COLLECTION No. 4

FOUR POPULAR VARIETIES OF DARWIN AND BREEDER TULIPS

You may be able to do without some varieties of Tulips, but you certainly ought to have these four varieties if you are anxious to have a garden of first-quality flowers. The picture shows the color, and we can assure you that the quality of the bulbs will be just as fine as the blooms shown.

10 bulbs of each (40 bulbs).....	\$2 75
25 bulbs of each (100 bulbs).....	5 75
50 bulbs of each (200 bulbs).....	11 00
100 bulbs of each (400 bulbs).....	21 50

HOSEA WATERER

Seedsman and Bulb Importer

714 Chestnut St., Philadelphia